Stand Alone Type

Digital Video Recorder

USER'S MANUAL

XRS 1000 Series

This manual is written based on 1016

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1. Product contents List

Please Confirm the Contents When open Package.

① Basic Contents

XRS 1000 Series

Power Cable

Remote Controller

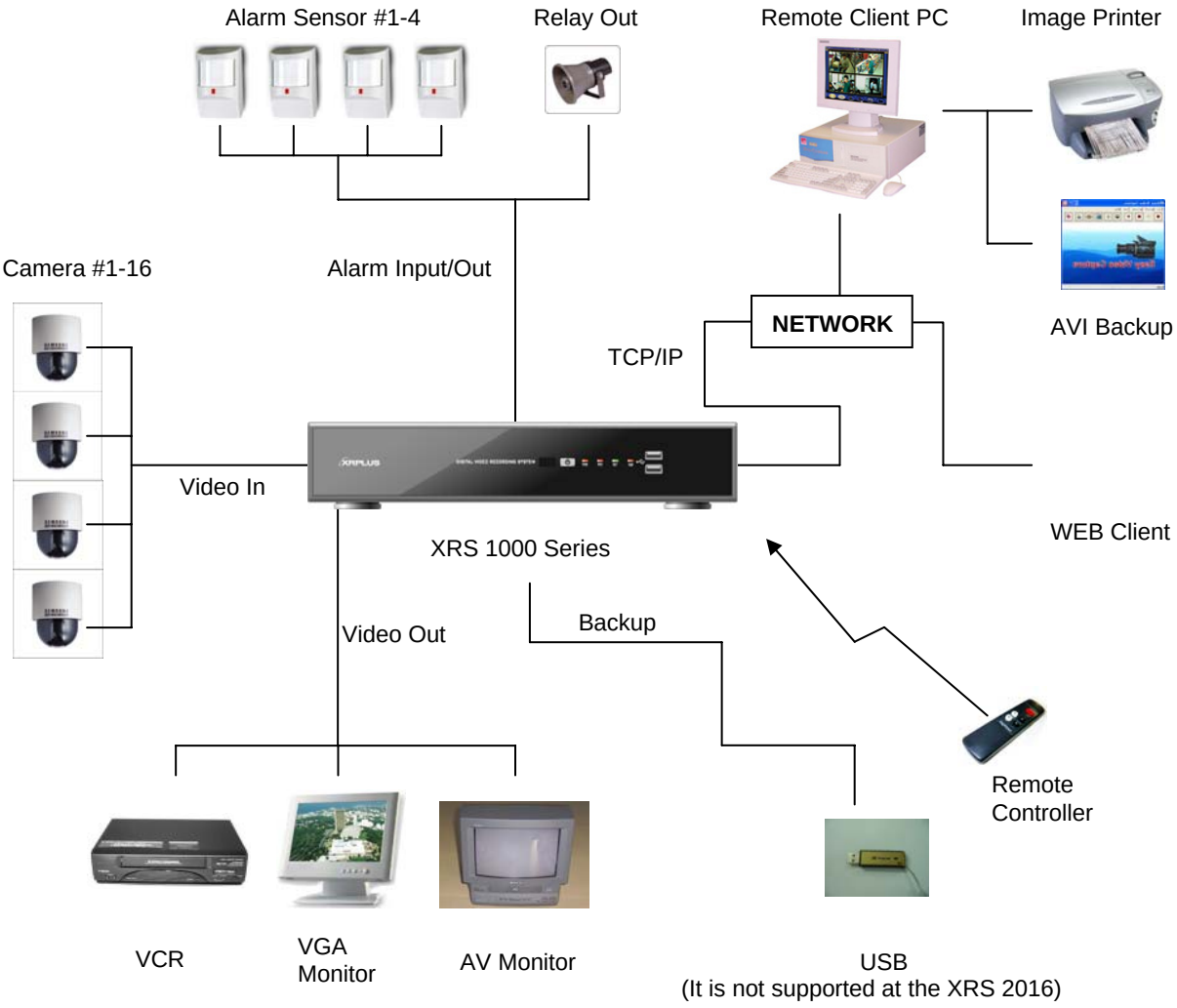
Remote Client
Program Install CD

AAA Battery X 2

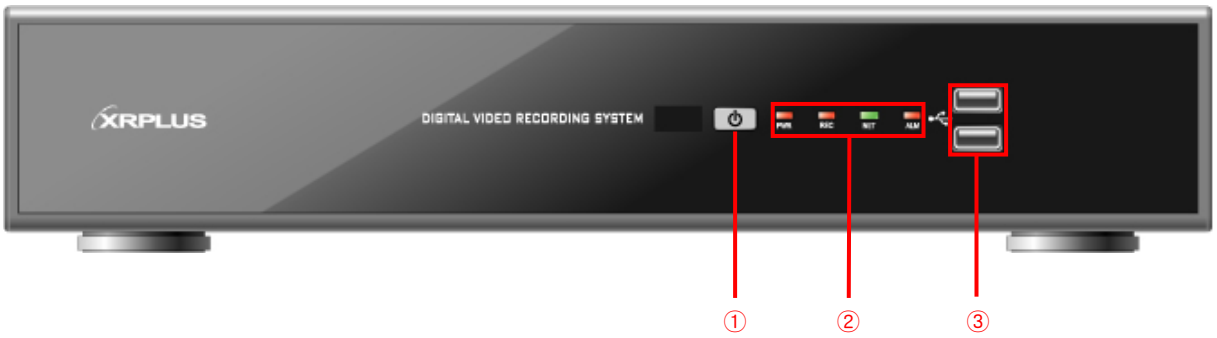
② Option Contents

HDD

2. System Organization



1. Front Panel

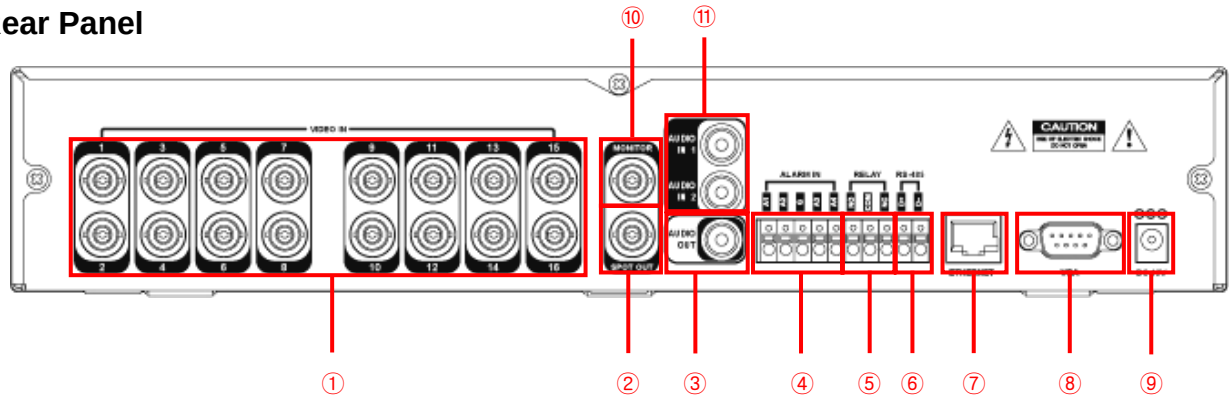


① Power : System Power On/Off

② Led indicator : Indicate Present System Status information. (POWER, RECORD, NETWORK, Alarm)

③ USB PORT: USB port for use the USB memory stick and USB HDD Backup.

2. Rear Panel



① Video In : BNC Port for Connection of DVR & Camera. (16 Camera Connectable)

② Spot Out : Output Spot-out Video to AV Monitor.

③ Audio Out : Output Audio Data.

④ Alarm : Connect Port for Sensor

⑤ Relay : Connect Port for Panic & ARI

⑥ RS-485 : Connect Port for PTZ

⑦ Ethernet (TCP/IP) : Port for Cross cable. (Possible to Remote Surveillance.)

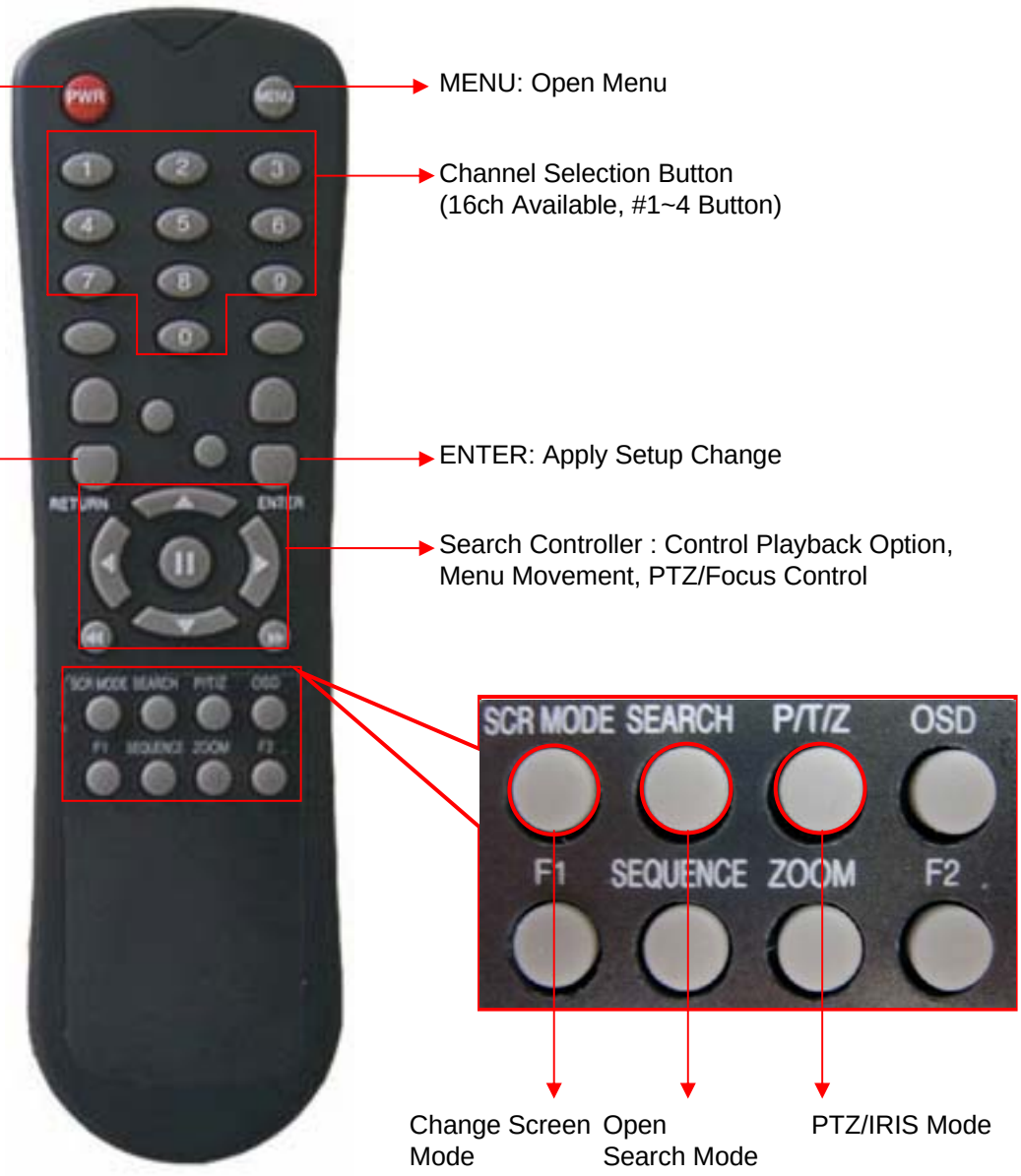
⑧ VGA OUT : Output Video to a Computer Monitor by Connected VGA (Option)

⑨ AC Power

⑩ Monitor Out : Output DVR Video to AV Monitor.

⑪ Audio In : Audio Input Terminal Related with #1~16 Camera.

3. Remote Controller



- Unused Button's Description is Omitted.
- Every Button is Operated Same as Front Panel Button.
- Remote Controller can Operate when Remote Controller Sensor Input Part Reacted Each Other.

※ If there are many DVR at the same place, they are reacted together when press remote controller.

1. System Power ON

- Press Power Button to Start System
- After Checking Hard Disk, Need input Password to Operation [Default Password 1234]
- Initial Screen View Mode is Quad Division Mode and Recording Mode

Picture for Power On after Finishing Installation

- Each Channel Indicate Camera Name & Recording Status
- Present Time & Date Indicate at Monitor Central Lower Side

Check System Condition at LED
POWER : Showing System On/Off
RECORD : Showing Record On/Off
NETWORK : Showing Client Connection Status

2. Screen Division and Auto Rotation

- Screen Division changes with 'SCR MODE' button on Remote controller
- pressing 'SCR MODE' or 'SEQUENCE' buttons to see one screen division mode (all the channels on screen with full screen division mode)

Auto Rotation or Full Screen

9 Screen Division

4 Screen Division

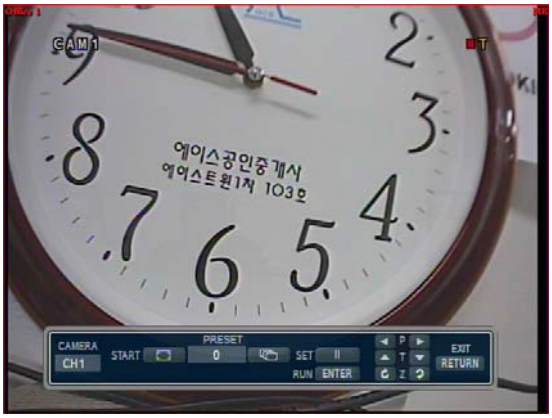
8 Screen Division

6 Screen Division

13 Screen Division

3. PTZ/FOCUS Control

- Control Camera PTZ (Pan/Tilt/Zoom)
- Press PTZ Button to Open PTZ Menu



- Each icon mean the button of front keyboard.
- Control each function by front keyboard.

- F: Focus I: IRIS

4. System Power Off

- Press Power Button to System Off
- Input Password and Press Enter to Shutdown System

System Log-On Possible ID : 'Administrator', 'Manager', 'User'

Administrator: All Function Access (System On, Shutdown, Setup, Search)
Manager: System On and Search
User: System On

XRPLUS beyond expectation

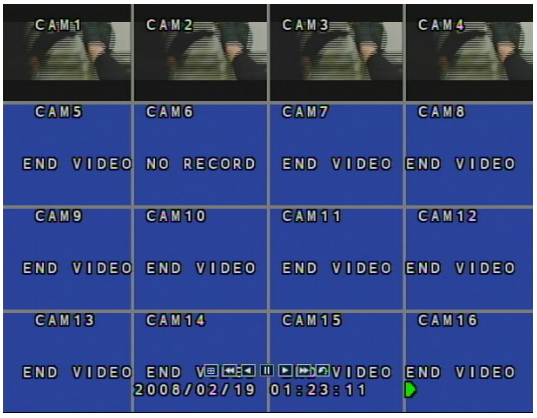
Go to Search Mode

- Press Search Button and Log-In Administrator or Manager
- Use Direction Key to Move Menu
- To Open Each Menu Press Enter
- To Return to Previous Press Return

(Move to Previous Menu or Exit Search Mode and Return to Watch Mode)

1. Search by Time

- Possible to Search Recorded Date/Time



Play Mode

① Move Cursor to Selected Date in Calendar

② Press Enter to Open Selected Date

③ Recorded Time Appear to Upper Side

④ Press Enter at Selected Time (One Scale is 15 Minutes)

⑤ Menu Disappear and Output Recorded Video

- Showing Recorded Date & Time at Left-Upper Side as Watch Mode.
  Showing Playing Condition at Right-Under Side.
- Channel Selection Button in Watch Mode & DISPLAY Button are Apply the Same as Search Mode.
  (But Menu, Search, and PTZ Buttons are Exception)

• Control Playing Video

▶ : Basic Playing Mode (Normal Speed (1X) Forward Playing)

◀ : Normal Speed Backward Playing

⏸ : Pause Video

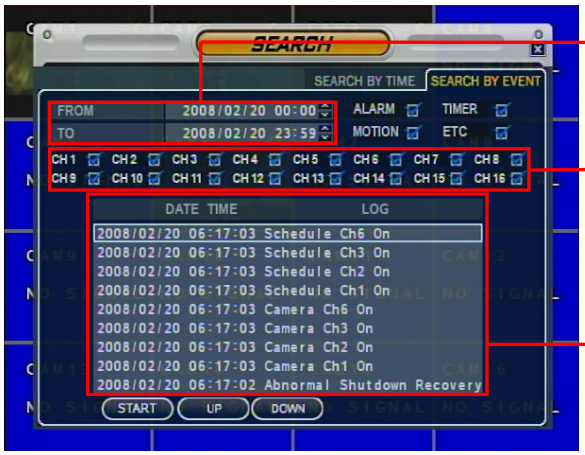
⏩ : Fast Forward (2 ~ 64 Speed)

⏪ : Fast Backward (2 ~ 64 Speed)

※ Press Normal Forward/Backward Button in Pause, Move to Next/Previous Frame.

2. Search by Event

- Searching Video with Event Occurrence to Set up Period



Set up Period to Select Start Date & Finish Date for Searching Event

Channel: Choose the channel for searching.

Event List Showing at Below Output Window

Alarm : Searching Alarm Event during the Selected Period

Motion : Searching Motion Detected Event during the Selected period .

Timer : Searching Schedule Change or Recording Setup Change Event

System : Searching Power On/Off Event (etc.) Concerned System Event

• Alarm, Motion, System can be Select plural by Check (V)-(ENTER)
• To Change Setup, Press Enter and Press Direction Key After Changing Setup, Press Enter to Exit.

Go to Menu

① Press SETUP Button
② Ask Password
③ Input Password Using by Channel Select Button [1][2][3][4])
④ After Input Password Press Enter to See Menu

- Initial Administrator, Manager, User Password is 1234.
- Showing Password as *
- Changing Password (System setup->System -> User management)
- Only Watch Mode can go to Entering setup. (Search & PTZ/Focus Mode can't move to Menu)

Go to System setup

- Choose the "system setup"

1.Display

- Video Setup for Watch Mode

Every System Setup can Change or Maintain at Menu (6 Setup)

Move to Menu Using by Up & Down Button

ENTER To Open Detail Menu, press 'the Enter'

RETURN Return to Previous Menu or Return to Watch Mode

1-1. OSD

- Status Bar : Record Condition Mark On/Off (Recording: Red, Pre-recording : Green)
- Camera Title: Setup Camera Name to Show Left-Upper Side
- Event Icon: Indicate the menu location by icon
- Border : Border Mark On/Off when 4CH Division Watch Mode
- Border Color : Select Border Color (White, Blue, Red, Yellow, Green, Gray)
- Motion Sensor : Set Up Motion Sensor
- Alpha Blending: Choose the transparency (1~100)
- GUI Blending

1-2. MONITOR

- Sequence Dwell : Setup Rotation Cycle Time (1~60 Sec.) when 4CH Rotation Mode at Watch Mode
- Spot-Out Dwell : Setup Spot-Out Time Cycle (1~60 Sec.) to Transmit Video
- De-interlace Mode : Remove Screen Spread on High Resolution , Low Frame ※Only Applying When D1(704X480)
- Alarm Pop-Up Mode: When alarm happen, Alarm happened channel Pop-up
- Alarm Pop-Up Dwell: Alarm Pop-up Time(1~60Sec.)

When finishing that change the setup data, Press the [APPLY] certainly

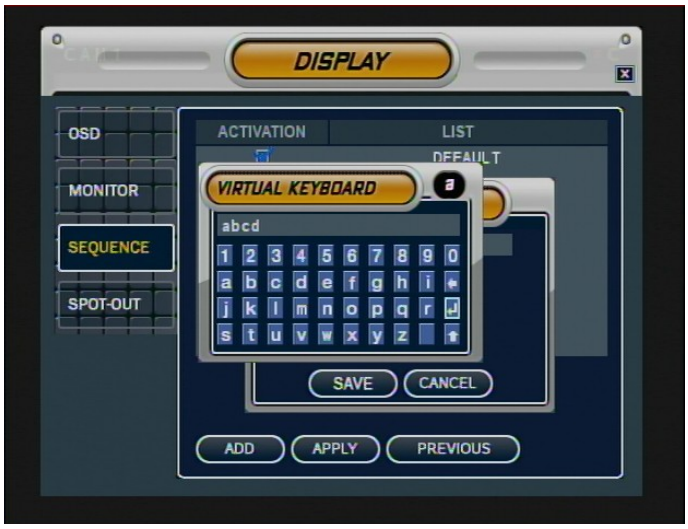
1-3. SEQUENCE

- Activation : Activation On/Off
- List : Sequence Title

- Choose Add to Add Sequence
- Input Sequence Title
- Choose Activation
- Save and Exit

- When input sequence title, You can use virtual keyboard by pressing enter button.

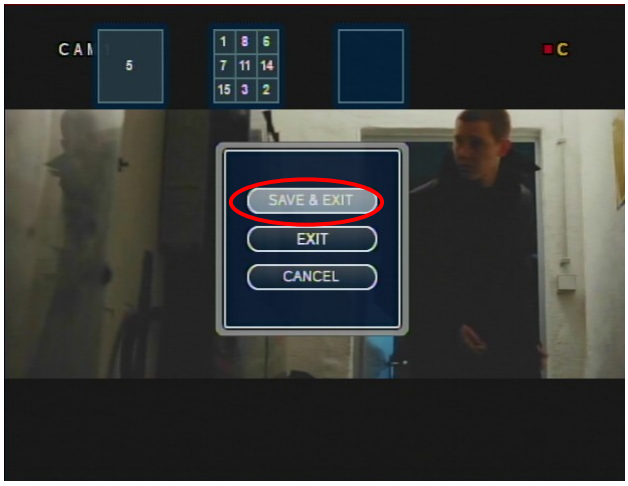
• Choose ADD in the Sequence to input title



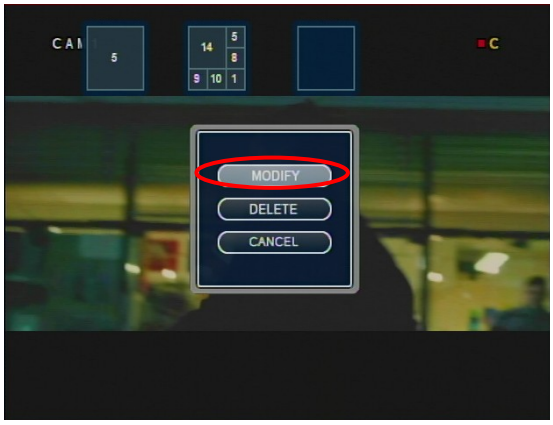
• To add name using Mouse or Remote Controller

• Change activation OFF to ON

• After pressing 'Enter' button on Remote Controller or Front Panel, select screen division using ◀ or ▶ buttons and type in channel number



• Press 'Return' button on Remote controller or 'Cancel' button on front panel and click 'Save & Exit'.



• to modify Sequence, click 'Enter' after choosing the item to be modified, click 'Enter' on 'Modify' and modify.

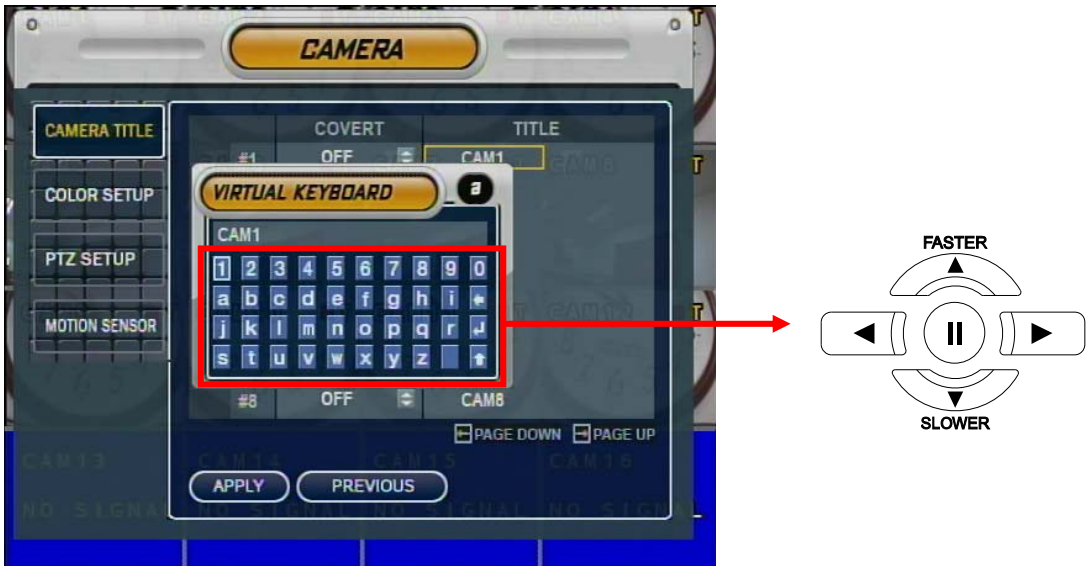
2.Camera

- Setup Camera

2-1. Camera Title

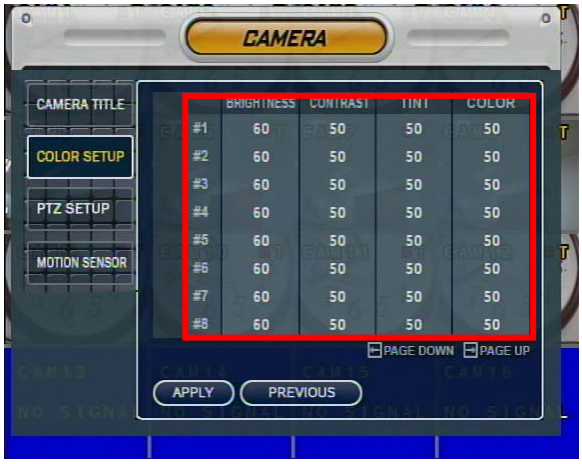
• Covert : Setup Covert On/Off
*What's Covert?
When Covert On Watch Mode, Display Video is Hidden, but Recording is On.

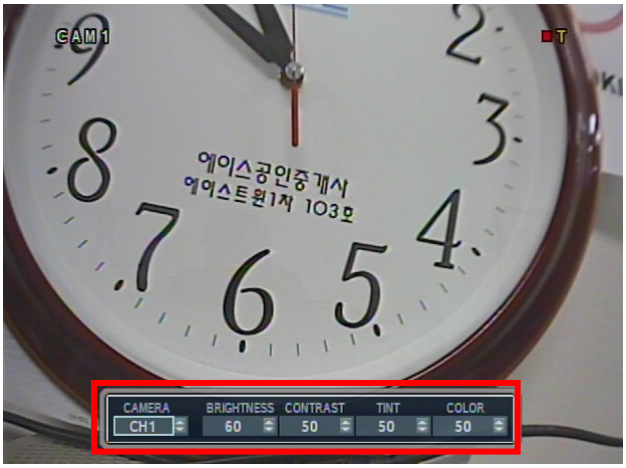
• Title : Setup Camera Name by Virtual keyboard



• Input the title by "Enter" after choose by button.

2-2. Color Setup





- Control the Monitor Bright, Contrast, Color, Tint
- All Setup Possible to Control 0~100
- Setup Channel by Channel

2-3. PTZ Setup

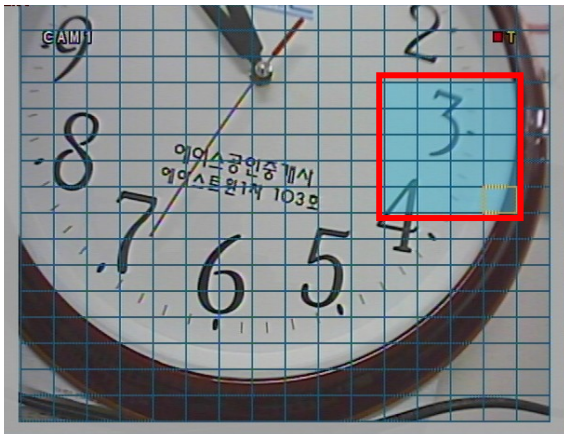
- Address : Select PTZ Camera Address
- PTZ Protocol : Select Kind of PTZ Camera
- Baud Rate : Setup PTZ Communication Speed (2400, 4800, 9600,19200, 38400 BPS)

※PTZ Supplied Protocol : Samsung(MRX-1000), Samsung(SCC641),Honeywell(SD1)
Honeywell((GMC),Lilin(Fastdome), Fastrax(Ⅱ), GC(655N),
D-MAX, Scan Dome-Ⅱ, Vicon,Philips8560-700
Sensormatic,Panasonic(WV-CS850), Panasonic(WV-CSR604),VRX-2101
Kalatel(KTD-312), PELCO-D, PELCO-P,Dynacolor(D7722)

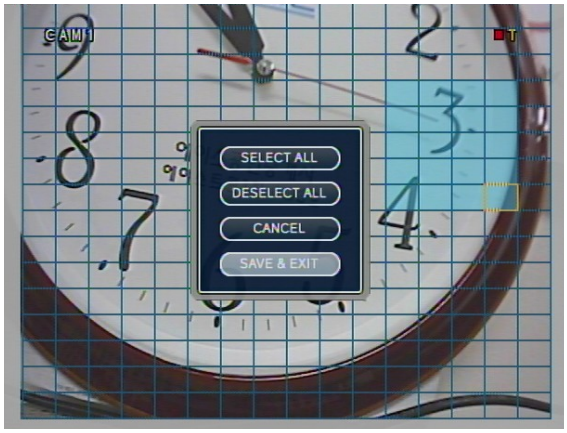
2-4. Motion Sensor

• Choose the Partial Motion Region channel by channel

• Sensitivity: 1~10



• Move Cursor by Direction Key and Press Enter at Selected Region



• Select All : Select Entire Region

• Deselect All : Cancel Region Setup

• Cancel : Cancel Change Setup & Exit

• Save & Exit : Save the Changes & Exit

3. Sound

3-1. Audio

- Audio Setup

- Live Audio : Audio Output ON/OFF
  Live Audio Output from Audio In Terminal
- Audio Monitoring Channel: Select Channel for Audio Output Nr. 1~4 Audio In
- Network Audio TX: Choose the Audio transmission
- Network Audio RX: Choose the Audio receive

3-2. Buzzer

- Buzzer Setup

- Keypad : Setup keypad buzzer
- Remocon : Setup remocon buzzer

4. System

- Basic Environment Setup

4-1. date/time

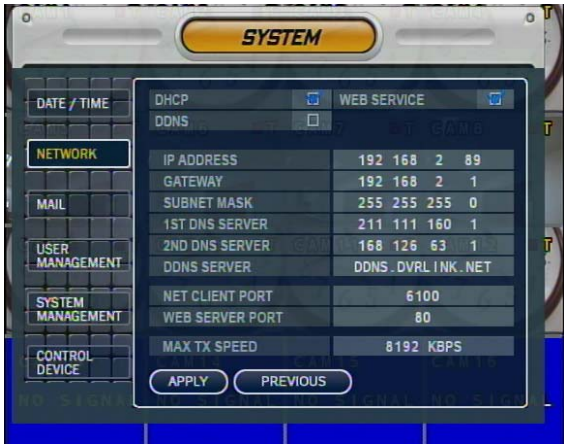
※ First of all, Timezone should be setup as your location.

• Date TIME: Setup Present Date
If Time Setup to Past Date, Ask Delete Data for the Past Date.
NO->Date/Time No Change, YES->After Delete Past Data and Change Date/Time
• Date Format : Select Date Output Type (Ex: 2005-00-00, 2005/00/00)
• Time Format : Setup Time Type as 12 Hour Base or 24 Hour Base
• Network Time Server: Setup Present Time by Time Server.
• D.S.T: Daylight Saving Function On/Off

• Time Zone Setup : Choose the time by GMT standard.

※ How to Time setup
1. Setup Timezone as your location.
2. Setup the Network Time server and press the "Sync" button.
3. If correct time is not getted automatically, setup the date/time manually.
4. If don't follow as upper, you may have the time error and the recording data search error.

4-2. Network



- IP Address : Input IP Address
- Gateway : Input Gateway IP for Internet Server
- Subnet Mask : Input Subnet Mask IP
- DNS Server: Input DNS Server IP
- DDNS Server: Input DDNS Server IP
- Net Client Port : Input net client server
- Web Server Port : Input web server port
- Max TX Speed : Setup Max TX Speed

※ If Change Network Setup, New Change Apply when after Rebooting.

• DHCP (Dynamic Host Configuration Protocol) : Indicate IP Address for the DVR Automatically.

1. Enter to 'System -> Network' on the Menu.
2. Setup DHCP On/Off.
3. DHCP Off : User Input IP Address by Himself.
4. DHCP On : After DHCP On, Reboot the System.
5. Can see the setup IP automatically at the system information.

• DDNS (Dynamic DNS): You can connect the DVR by the fixed domain name(ex.00115f000001.dvrlink.net) at client or Web without entering the IP address.

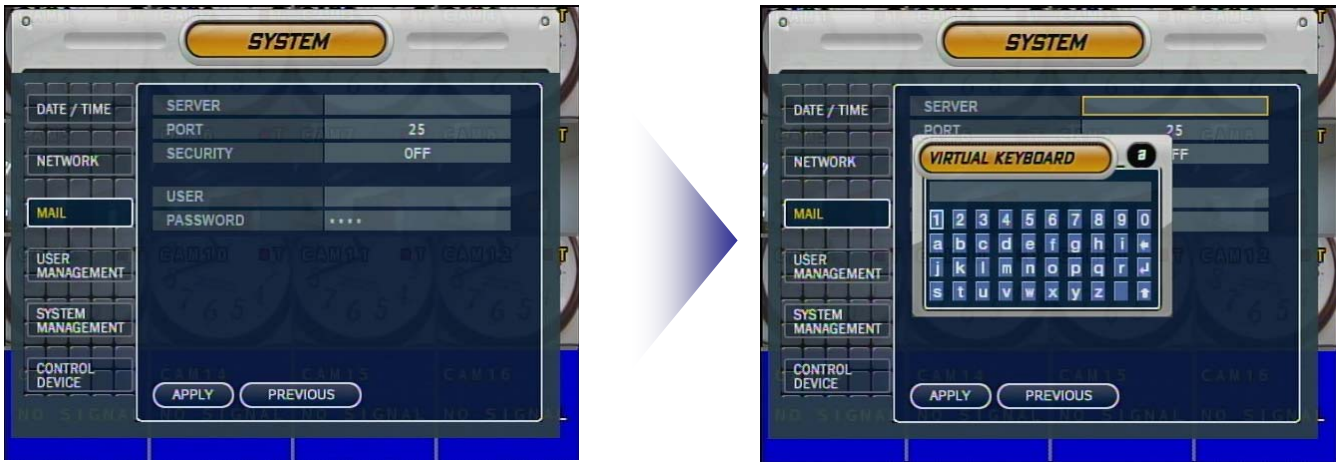
※ If you use the DDNS, there is no necessity to enter again the IP Address every connection.

1. Enter to 'System -> Network' on the menu.
2. Setup DHCP On or Enter the IP address.
3. Setup DDNS ON and reboot.
4. Enter to 'System -> System information' on the menu.
5. Confirm the MAC address.
6. The domain name is "MAC address.dvrlink.net".
   EX) If Mac Address is 00-11-5f-00-b5-a7, the domain name is "00115f00b5a7.dvrlink.net"
7. If you connect by "00115f00b5a7.dvrlink.net" at client program or Web, you can connect the DVR.

• Web Service
• Net Client Service

1. If your network connect at the router, please must port forwarding.
2. Please must enter the exact IP address, DNS Server, Gateway, Subnet Mask.
3. Please must connect the DVR at External Network.
   If you don't follow 1,2,3 , you can't receive the DDNS service.

4-3. Mail



- Server: Setup the mail server
- Setup by Virtual Keyboard after press the "ENTER"
- Port: mail server port
- Security: On/Off
- User & Password: input the DVR login user ID and Password.

4-4. User Management

User setup

- It is consisted 3 User Group as Administrator, Manager, User.
- Total 7 user belong to 3 User Group can be made.

User setup

- It is consisted 3 User Group as Administrator, Manager, User.
- Total 7 user belong to 3 User Group can be made.

- Input User ID, Password.
- Choose the Group.
- Input the E-mail Address.
- It can edit User ID information.
- E-mail notification On/Off

ON

OFF

- Input the E-mail by Virtual Keyboard.

4-5. System Information

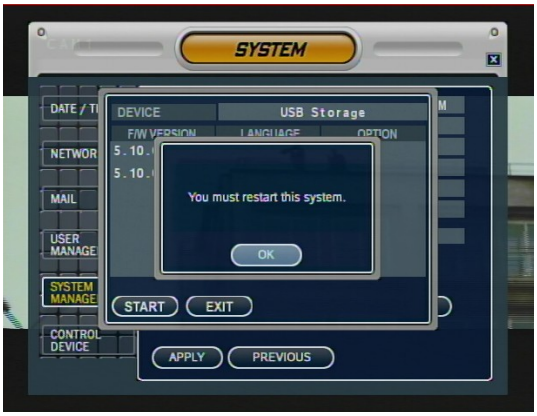
- F/W Version: Server Firmware Version
- H/W Version : Hardware version
- Video Signal Type: NTSC or PAL
- Disk Capacity: used HDD capacity of the total HDD capacity
- IP Address: DVR's IP Address
- MAC Address: Fixed MAC address of the DVR

4-6. Firmware Update

- Click [PRESS] button

- Click [START] button

- Check Update version and click [START]



- Reboot the system after UPDATE is done

4-6. Factory Default

• Press "Press" to Start Initialize.

• Showing Warning Message and Press OK to Run Initialize.

• If do Factory Default, Every Setup is Initialized, but Saving Image is Not Erase.

4-7. CONTROL DEVICE

• SYSTMED ID : in case of controlling several DVRs with one remote controller, to give ID to each machine

• PROTOCOL : to control DVR with Control Keyboard [only 'D-MAX KEYBOARD' is available at the moment

5. Event / Sensor

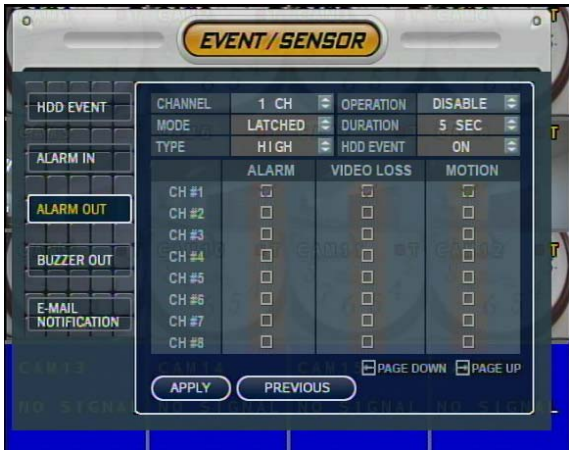
5-1. HDD Event

- Drive: HDD connected location
- Smart Alarm: On/Off
- Check interval: HDD checking Time

5-2. Alarm Input

- Operation: Setup Alarm Sensor Connection Status (enable/disable)
- Type : Setup Alarm Sensor N/Open, N/Close Type

5-3. Alarm Output



※ Setup each channel when alarm, video loss, motion are happened.

- Channel : Select Channel
- Mode: Setup Reacted Relay as Latched/Transparent Mode.
- Type: Setup Relay Type N/Open or N/Close.
- Operation: Setup Relay Connect with Alarm Sensor.
- Duration: Setup Reacted Relay Time. (5sec~5min or Until key-in)
- HDD Event: Alarm On/Off when HDD has the problem.

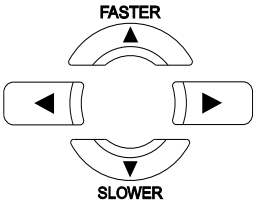
Latched / Transparent

Latched – When Sensor Alarm Activated, Relay Reacted in Setup Duration
Transparent – Relay Reacted Temporary During Sensor Alarm Activate

5-4. Buzzer out

- Buzzer On/Off
- Operation: Setup Buzzer.
- Mode: Setup Reacted Relay as Latched/Transparent Mode.
- HDD Event: Buzzer On/Off when HDD event is happened.
- Duration: Buzzer time(5sec~5min or Until key-in)
- setup each channel when alarm, video loss, motion are happened.

5-5. E-mail Notification



• Choose the function by button.

• If the alarm, video loss, motion and HDD event are happened, send the notification at the E-mail.

6. Disk Management

• Disk Overwrite : Select Overwrite Permission when Hard Disk Full
ON: Overwrite Hard Disk from Oldest Data
OFF: When Hard Disk Full, Stop Recording and Buzzer Activate

• Format : Refreshment Hard Disk. All Recorded Data Deleted

Go to Record Menu

• Choose "Record Menu"

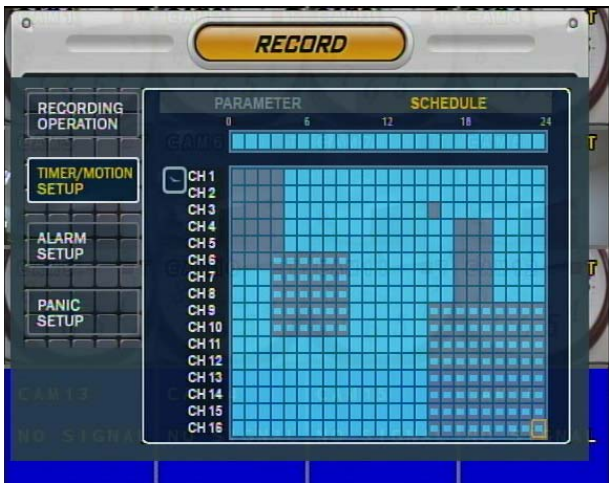
1. Recording Operations

• Schedule Mode: Choose the DAILY or WEEKLY.
• Pre-Event Recording Time : Setup Pre-Event recording Time. (1~5 sec)
• Post-Event Recording Time: Setup Post-Event recording Time. (1~5 sec)

2. Continuous/Motion Record Schedule

RECORD
RECORDING OPERATION
TIMER/MOTION SETUP
ALARM SETUP
PANIC SETUP
PARAMETER
SCHEDULE
0 6 12 18 24
PAGE UP / DOWN : PRESS ▲▼
SIZE FPS QUALITY AUDIO
CH #1 352x240 7 HIGHEST OFF
CH #2 352x240 7 HIGHEST OFF
CH #3 352x240 7 HIGHEST OFF
CH #4 352x240 7 HIGHEST OFF
CH #5 352x240 7 HIGHEST OFF
CH #6 352x240 7 HIGHEST OFF
CH #7 352x240 7 HIGHEST OFF
CH #8 352x240 7 HIGHEST OFF

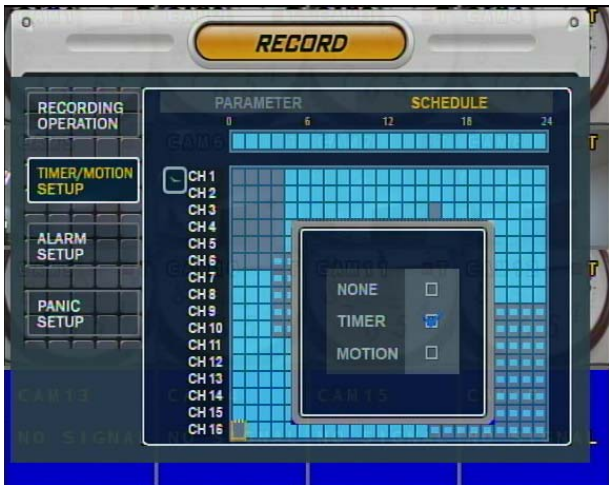
- Setup each channel
- Put the choose area at here and press "Enter" button.



- Continuous record setup

- Motion record setup

- Setup each day

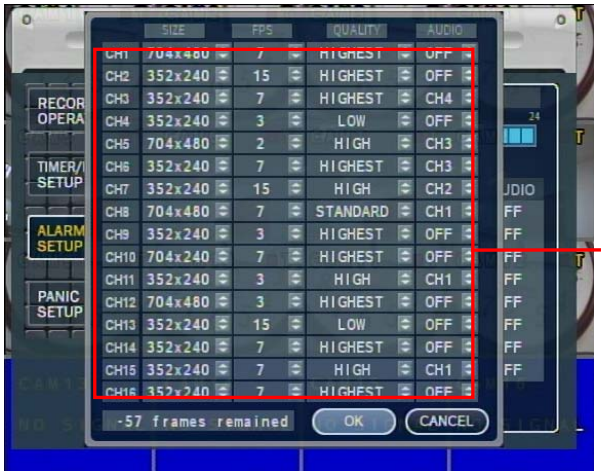


- Setup each channel

3. Alarm Record Schedule

RECORD
RECORDING OPERATION
TIMER/MOTION SETUP
ALARM SETUP
PANIC SETUP
PARAMETER
SCHEDULE
0 6 12 18 24
PAGE UP / DOWN : PRESS ▲▼
SIZE FPS QUALITY AUDIO
CH #1 352x240 7 HIGHEST OFF
CH #2 352x240 7 HIGHEST OFF
CH #3 352x240 7 HIGHEST OFF
CH #4 352x240 7 HIGHEST OFF
CH #5 352x240 7 HIGHEST OFF
CH #6 352x240 7 HIGHEST OFF
CH #7 352x240 7 HIGHEST OFF
CH #8 352x240 7 HIGHEST OFF

- Set the time for Alarm setup with Mouse or Remote Controller


SIZE FPS QUALITY AUDIO
CH2 352x240 15 HIGHEST OFF
CH3 352x240 7 HIGHEST CH4
CH4 352x240 3 LOW OFF
CH5 704x480 2 HIGH CH3
CH6 352x240 7 HIGHEST CH3
CH7 352x240 15 HIGH CH2
CH8 704x480 7 STANDARD CH1
CH9 352x240 3 HIGHEST OFF
CH10 704x240 7 HIGHEST OFF
CH11 352x240 3 HIGH CH1
CH12 704x480 3 HIGHEST OFF
CH13 352x240 15 LOW OFF
CH14 352x240 7 HIGHEST OFF
CH15 352x240 7 HIGH CH1
-57 frames remained
OK
CANCEL

- Set the recording resolution, frame and quality per each channel

- Set the alarm time per each channel

XRPLUS beyond expectation

Go to Archiving

1. CD-RW and USB Back Up

① Device : Indicate CD-RW Model and USB MEMORY Model Automatically.
If you use the CD-RW and USB memory (or USB HDD) together,
it can choose the CD-RW and USB by ▲▼Button.

② From : Select Start Backup Time.

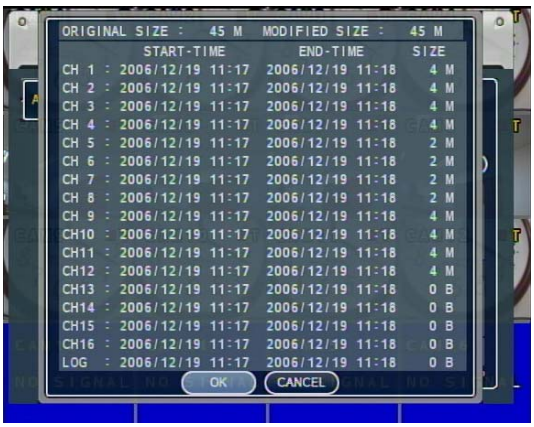
③ To : Select End Backup Time.

④ Channel & Video/Audio Selection : Select Channel, Video, & Audio for Backup.

⑤ Title : Change the Title of Backup by virtual keyboard.

⑥ Event : Select Attach Event Text File in Backup.

⑦ Start : Start Backup.



- Compatible CD Writer Models are LG(GCE-8526B,GCE-8527B), SAMSUNG(SW-252F, TS-H292A, SH-522C),ASUS(CRW-5232AS),GIGABYTE(GO-R5232B)
- Compatible USB memory stick Models are LG(Royal,mobile,mirror), IMATION(iflash),Memorive PRO+ and Compatible USB HDD is CUTIE(FHD-254).
- Inside of Backup CD,USB Including Necessary Codec for Playback (IMM4 Install File).
- In case of RW Possible CD, Please Delete Previous Data on PC for Recording Again.

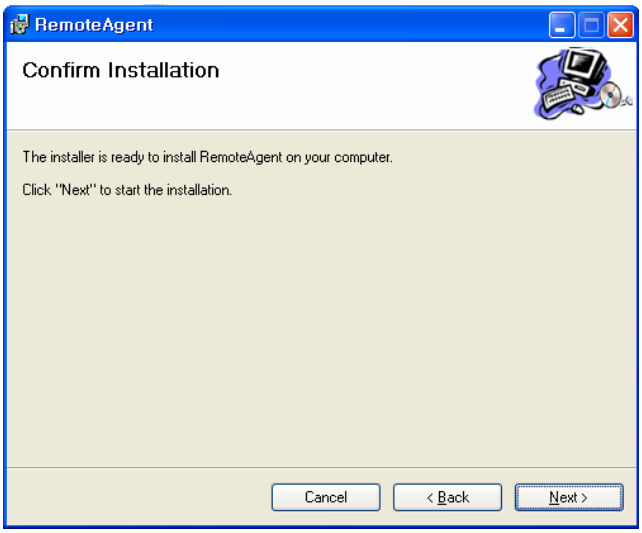
• **System Requirement**

① Main Board (CPU): Pentium-500(Minimum), Pentium 4 recommend
② OS: Higher than Windows 98,DirectX 7.0A
③ Memory (RAM): More than 128 M
④ VGA: Graphic card that support the DIRECT-X
※IMM4 Codec (When Playback Backup File)

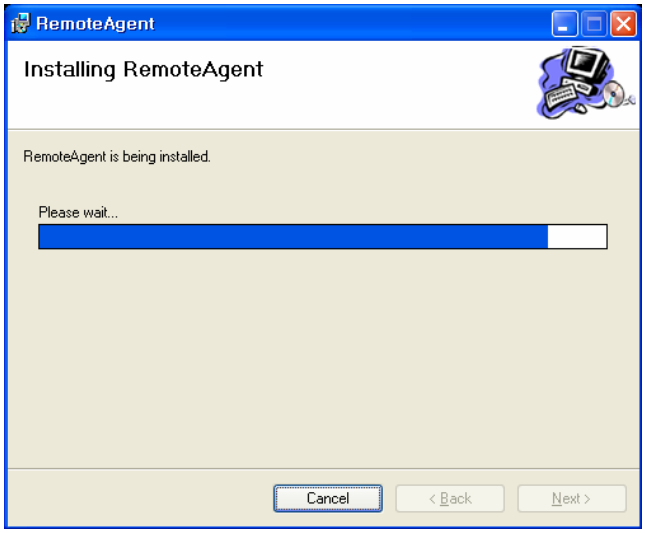
Remote Program Install

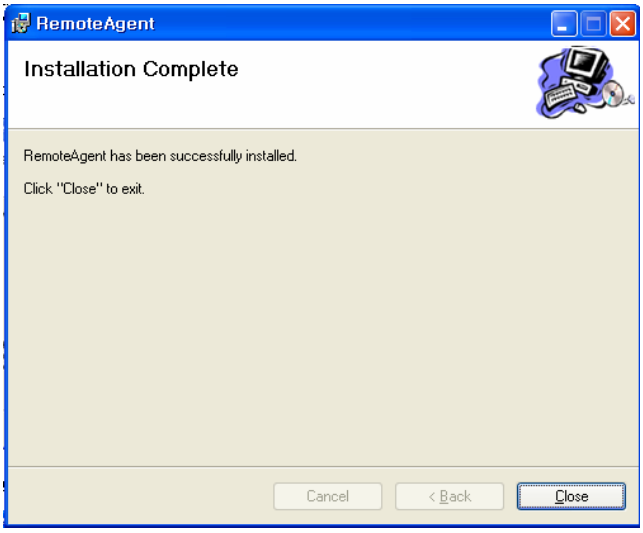
RemoteAgent
Welcome to the RemoteAgent Setup Wizard
The installer will guide you through the steps required to install RemoteAgent on your computer.
WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.
Cancel
< Back
Next >

① Open CD-ROM Drive and Run RemoteAgentSetup.exe and then Appear Setup Menu


RemoteAgent
Confirm Installation
The installer is ready to install RemoteAgent on your computer.
Click "Next" to start the installation.
Cancel
< Back
Next >

② Close All Running Software and Press Next to Move Next Step



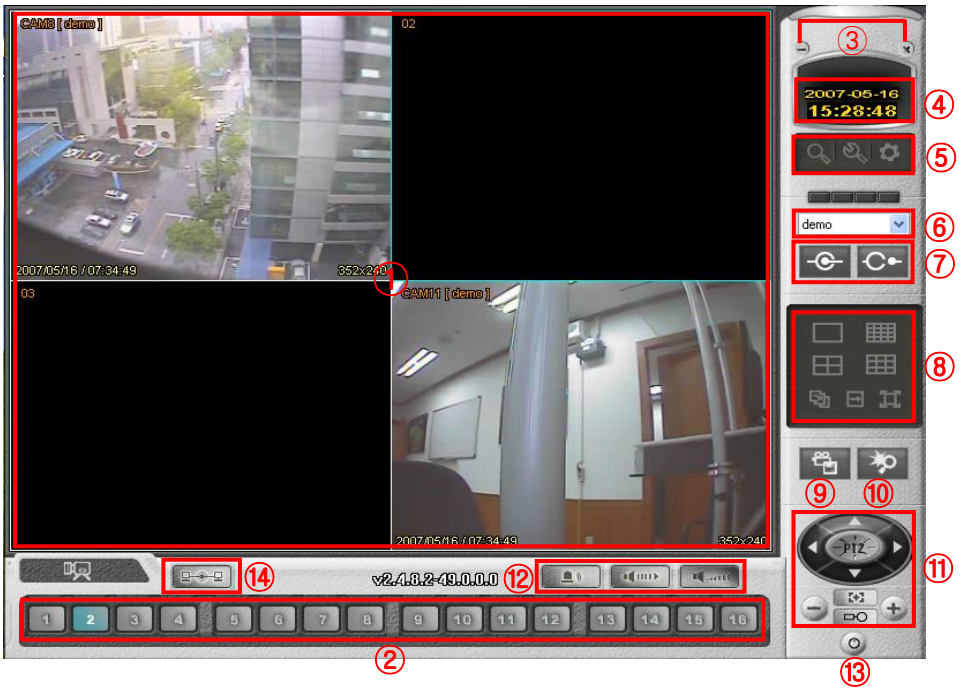


③ After installation, Click 'Close'

• appears remote agent icon on desktop

④ Appears 'Remote Agent' 'Backup Player' 2 icons on desktop

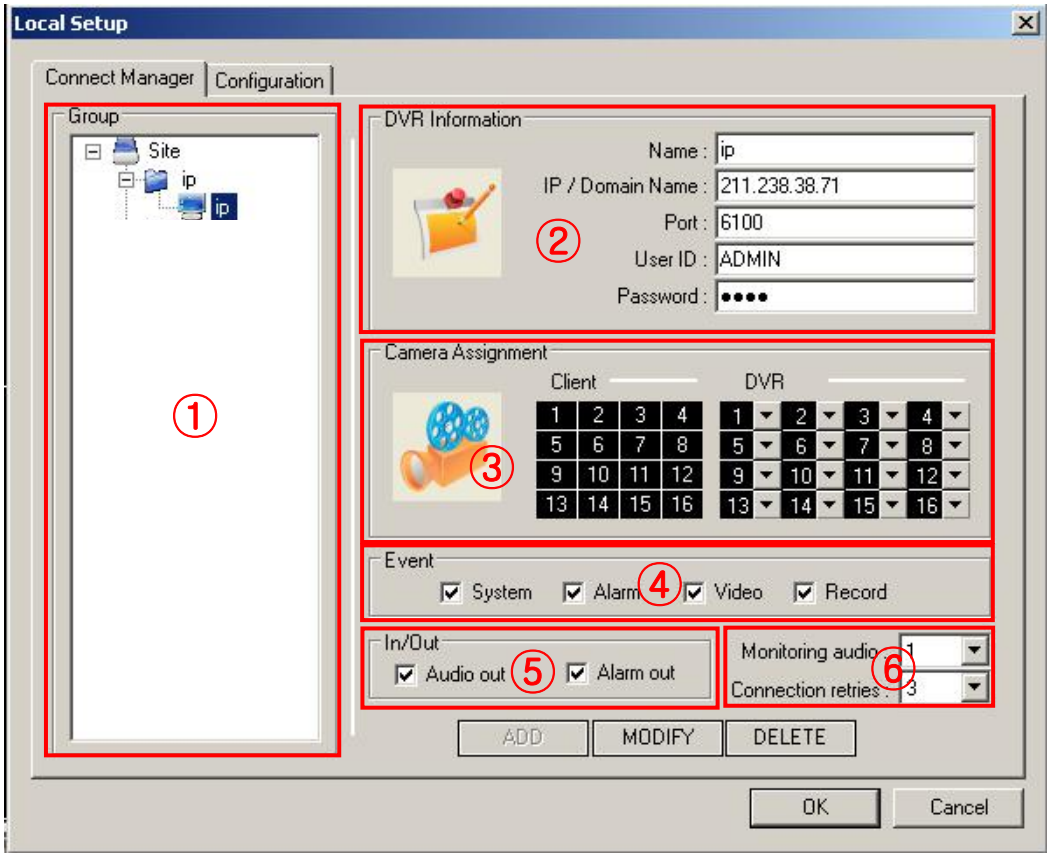
1. Function Introduction



① Main Screen Image : Showing Present Surveillance Camera Image
② Camera Selection Button : Indicate Connected Camera No. & Select Image to Click Camera No.
③ Hidden/Exit : Hide DVR Client Window or Exit Program
④ Time Output : Showing Present Time & Date
⑤ SEARCH : Move to Search Mode to Play Video / SETUP : Move to Setup to Change Network Setup or Option
⑥ DVR Selection : Select I/D to Connect Server
⑦ Connect : Connect DVR / Disconnect : Disconnect from DVR
⑧ Screen Division Selection : Change Screen Division Mode
⑨ Save by AVI file : Transmission Live Image Save by AVI File
⑩ Event Viewer: Showing Present Event in Server & Find Image
⑪ PTZ Control Button : Control Camera PTZ & Focus
⑫ Audio Button and Alarm : Control Two Way Audio & Mute and Alarm On/Off
⑬ Exit : Exit DVR Client
⑭ Connection Status: Showing the connected DVR.

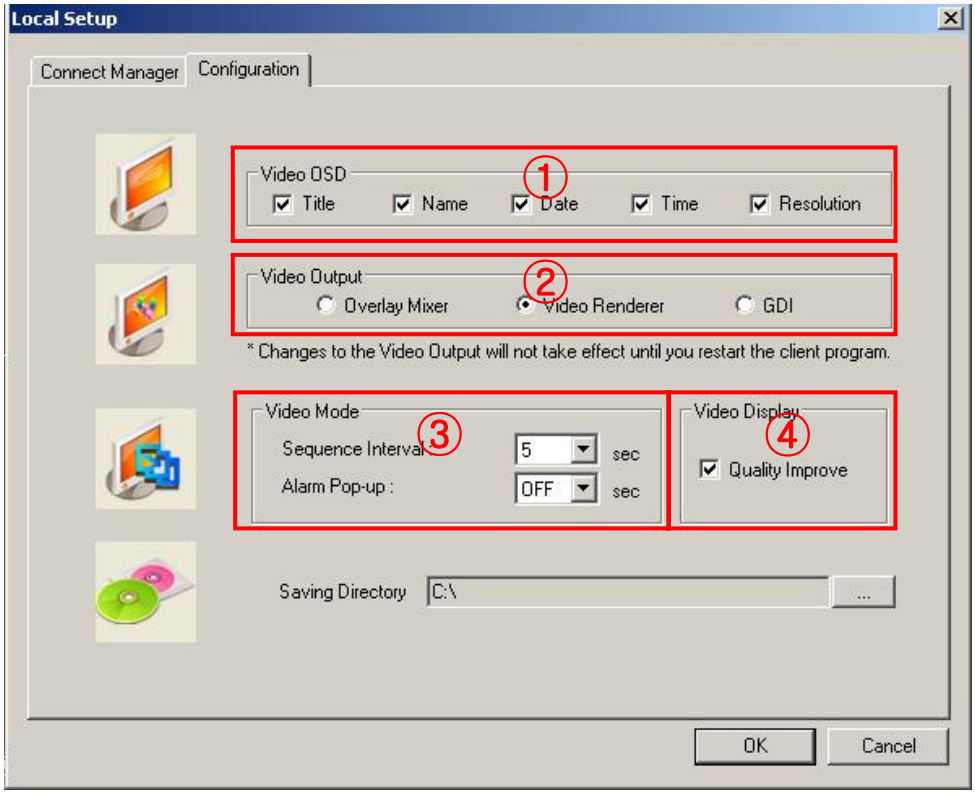
2. LOCAL SETUP

2-1. CONNECT MANAGER



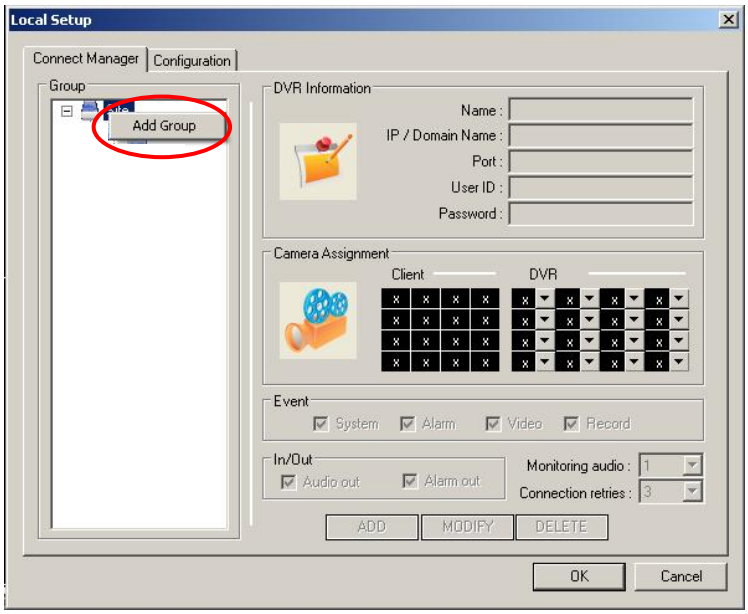
① GROUP : Registered DVR sites' list
② DVR Information : registered or to be registered DVR information
③ CAMERA ASSIGNMENT : to choose images to monitor or to see chosen channel
④ EVENT : choose Events to receive
⑤ IN/OUT : Setup AUDIO, ALARM OUT
⑥ Monitoring Audio Channel setup or reconnection time setup

2-2. CONNECT MANAGER



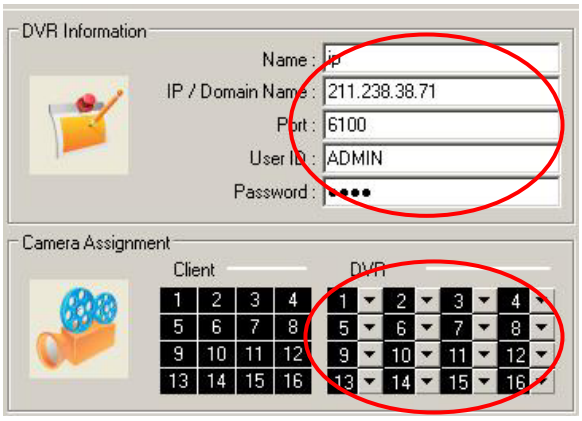
① OSD Display : Setup OSD to display on Monitor
② Video Output : Select Video Output Signal
③ Video Mode : Setup Sequence interval time and Alarm Popup use
④ Video Display : Setup Quality Improvement
* Saving Directory : Designate Remote PC Backup Image Saving Folder.

2-3. DVR Add



• Click right button of Mouse and setup ‘‘ADD Group’

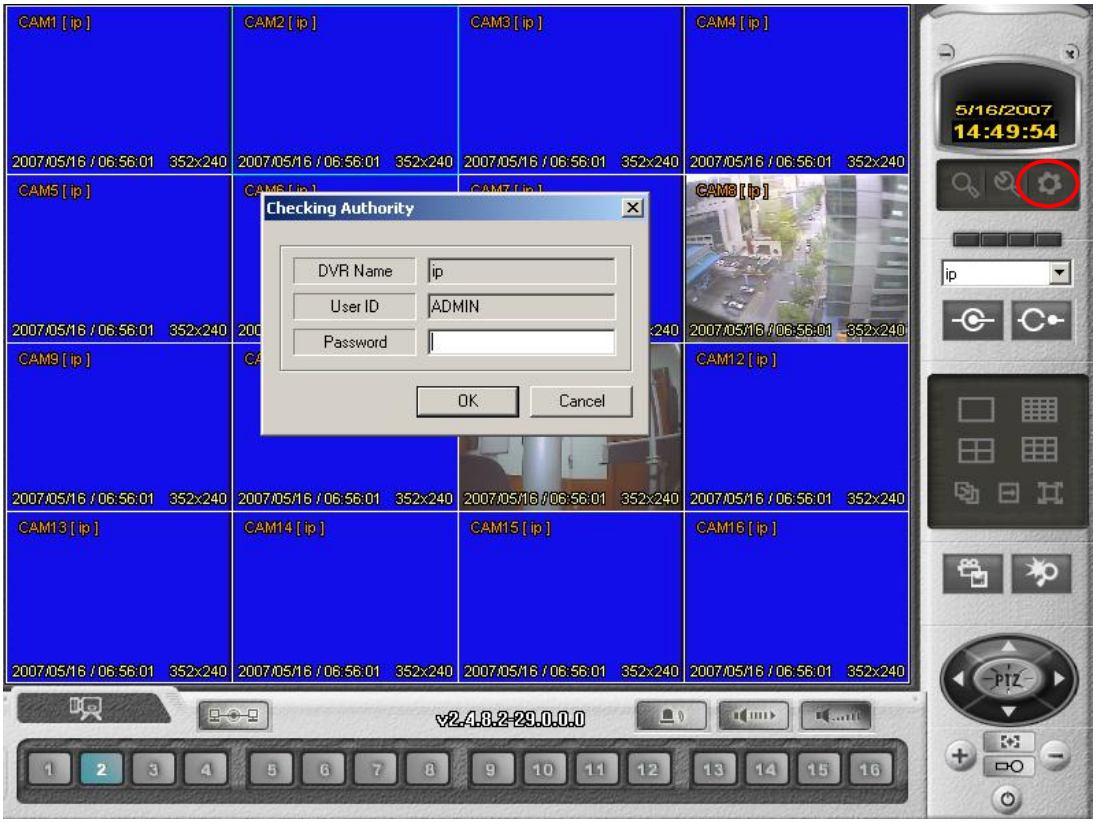
• Type Group Name and click ‘OK’ button



• Type DVR information and choose channels for live monitoring

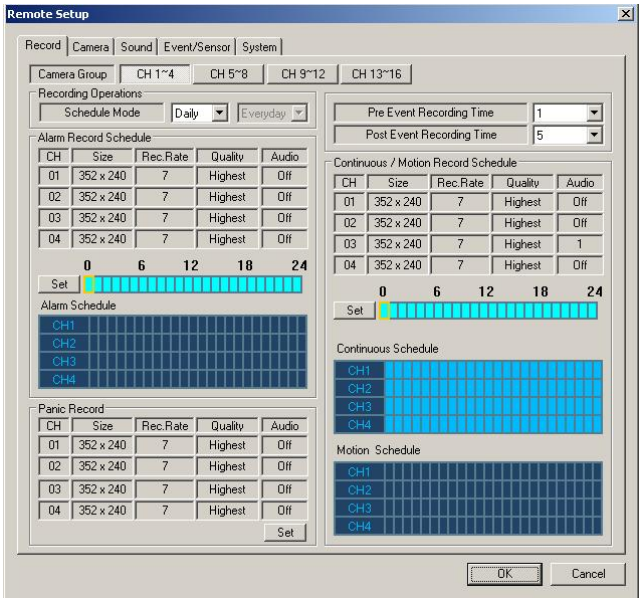
• Click ‘ADD’ button to add the information and try to connect to the DVR
If the connection fails, check DVR information and network status

2-4. DVR Server Remote Setup



- Choose the DVR for setup and click the "Setup" button.
- Click DVR System Setup Tap, Password Input Window Open After Input Password, Setup Window Pop-up.
- DVR System Tap Indicated Only when Connect as Administrator.
- DVR System Setup Possible to Control Almost Every Setup at the Remote.
- When Activate Setup or Changing Setup at the DVR Server, It's Impossible to Change Setup at the Remote.
- During System Setup at the Remote, DVR Server Setup Start Make to Close Remote System Setup Automatically.

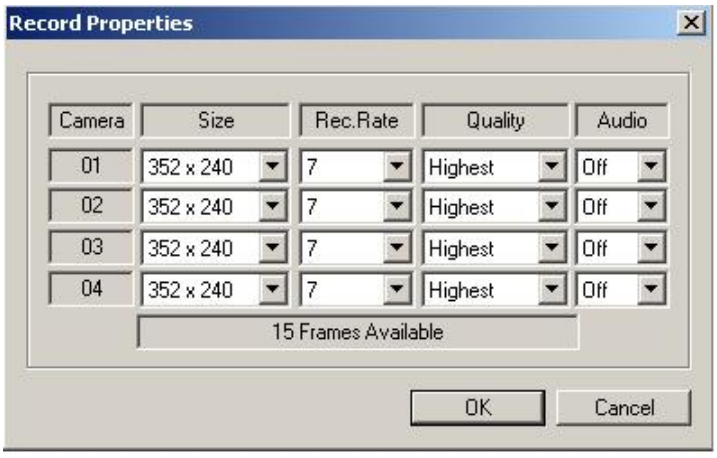
① Record Setup

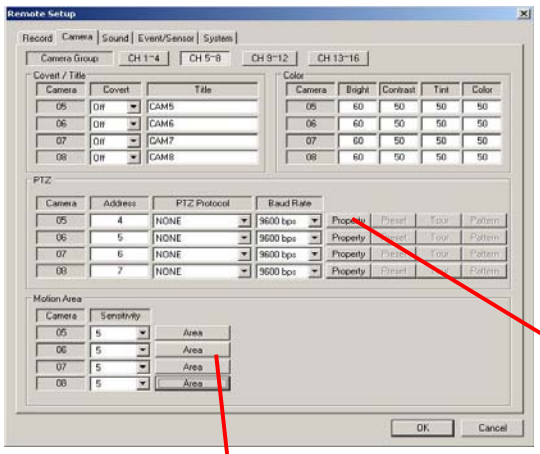


- Record Operations
  - Schedule Mode: Weekly or Daily
  - Sunday ~ Saturday
  - Pre Event Recording Time: 0 ~ 5(Second)
  - Post Event Recording Time: 5 ~ 180(Second)

Alarm Recording Schedule / Continuous/Motion record Schedule / Panic Record Setup

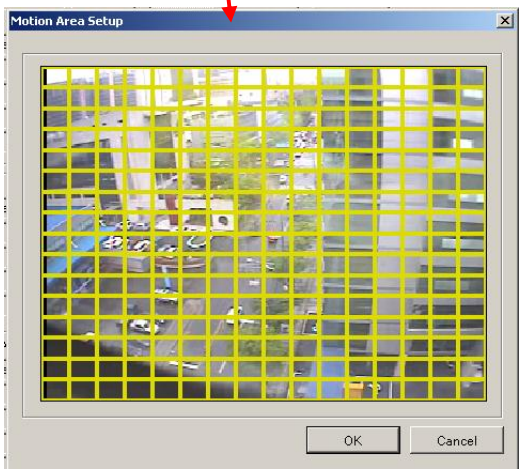
'Set' button in each area will make a new window as below for setup by channel
(4 channels are displayed on one screen)



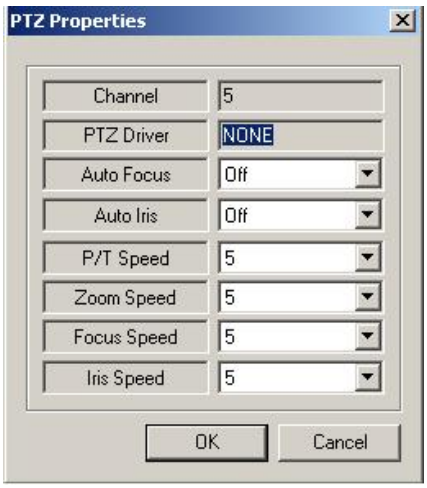


② Camera Setup

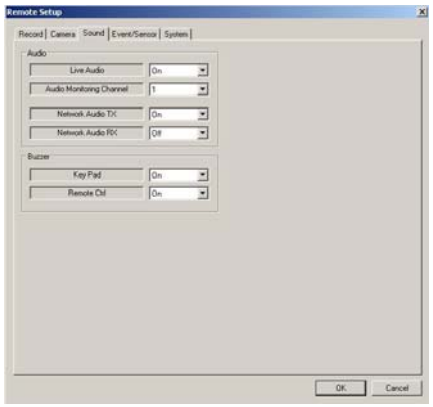
- Status/Title Setup
- Setup for Each Camera (Connection Status or Camera Name).
- Color Setup
- Setup Color for Each Screen.
- Covert/PTZ Setup
- Setup Each Camera Covert Function & PTZ Protocol.



- Motion Area
- Click the "Camera" Button.
- Choose the area.



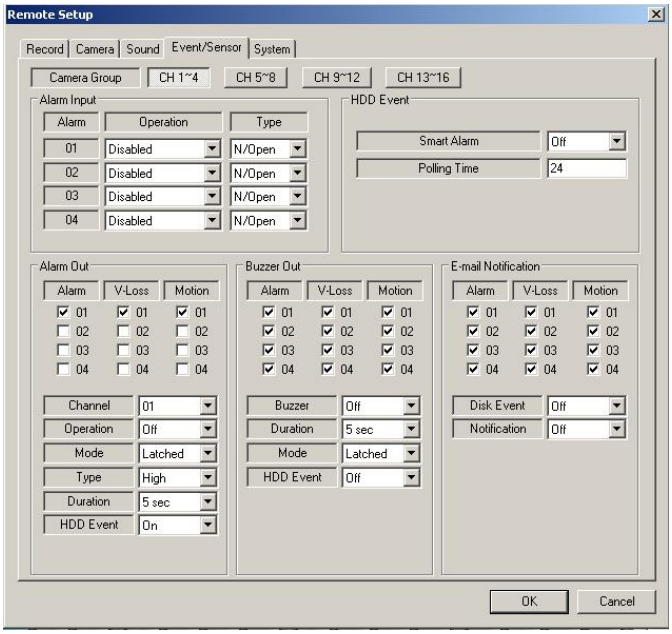
- Click the "Properties" button.
- Setup about PTZ camera.



③ Audio Setup

- Live Audio Setup
- Live Audio & Two Way Audio Setup for Server.

④ Event/Sensor Setup



• HDD Event
- Drive ID: HDD Connected location
- Smart Alarm: On/Off
- Temperature: HDD Temperature
- Polling Time: HDD Checking Time

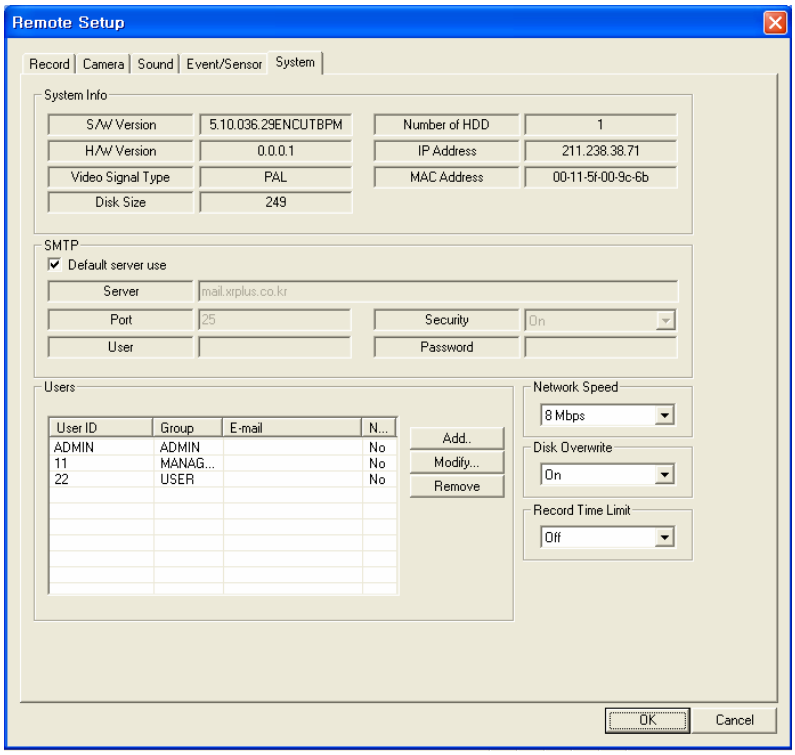
• Alarm Input
- Setup for Each Channel Alarm Connection & Type.

• Alarm Out
- Setup each channel when alarm, video loss, motion are happened.
- HDD Event: Alarm On/Off when HDD has the problem.
- Operation: Setup Relay Connect with Alarm Sensor
- Mode: Setup Reacted Relay as Latched/Transparent Mode
- Type: Setup Relay Type N/Open or N/Close
- Duration: Setup Reacted Relay Time (5sec~5min or Until key-in)

• Buzzer out
- Setup each channel when alarm, video loss, motion are happened.
- Buzzer: On/Off
- Duration: Buzzer time(5sec~5min or Until key-in)
- HDD Event: Buzzer On/Off when HDD event happen
- Keypad : Setup Key Input Sound
- Remocon: Setup remocon Input Sound

• E-mail Notification
- If happen the alarm, video loss, motion and HDD event, setup the notification at the E-mail.
- HDD Event: E-mail notification On/Off when HDD event is happened.
- Notification: On/Off

⑤ System Setup



• System Info
- Possible to Watch DVR System Status.

• SMTP
- Setup the mail server and user's E-mail.

• Users
- Setup the Users.
- Click the "Add" or "Modify" button.

• Network Speed
- set up the transmission speed of video

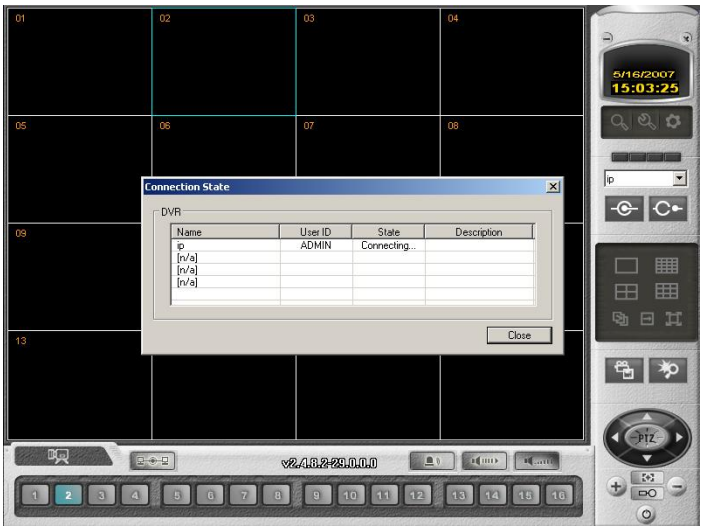
• Disk Overwrite
- Setup DVR HDD Overwrite On/Off.

• Record Time Limit
-Set up the record time period (1,2 or 3 days)

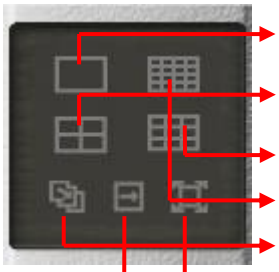
3. Monitoring

3.1 Selection Network I/D

- Select I/D to Connect Server.
- I/D can be Add, Change, and Delete at Setup



3.2 Screen Division Selection

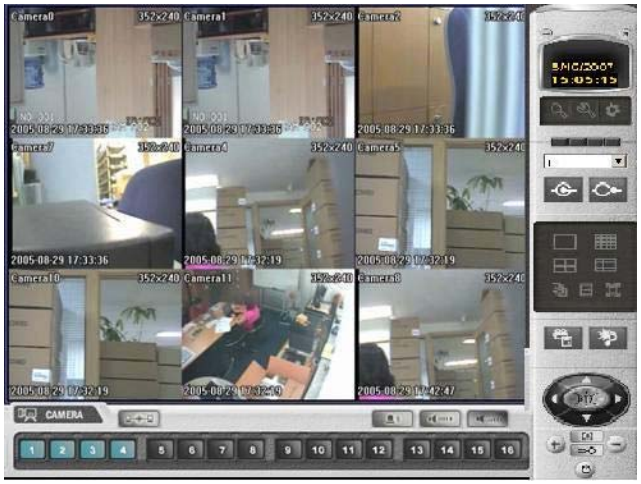


- 1*1 View : Showing One (1) Video which User Selected
  (Selection Video by Camera Selection Button)
- 4*4 View : 4 Screen Division Mode
- 9*9 View : 9 Screen Division Mode
- 16*16 View : 16 Screen Division Mode
- Screen auto switching : One Large Screen Mode Showing One by One (1*1 View)
  Depend on User Selection Time (Not Work Screen Division Mode)
- Screen push : in 16 Screen Division mode, the most right row moves to the most left side
- Full Screen View : Present Video Move to Full Screen Mode
  Mouse Double Click when Return Previous

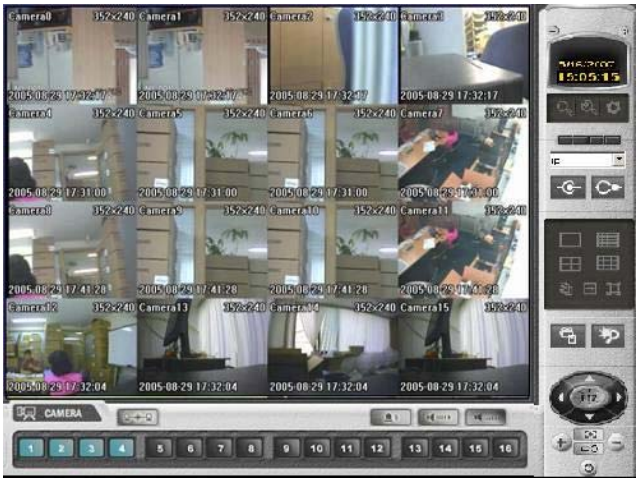
*Mouse Double Click Make the Same Function as Full Screen.

※ Multi DVR Client

- 4EA DVRs can be control the live view, search the data, backup data and setup about each channel at the same time.
- Refer to p48 about setup.



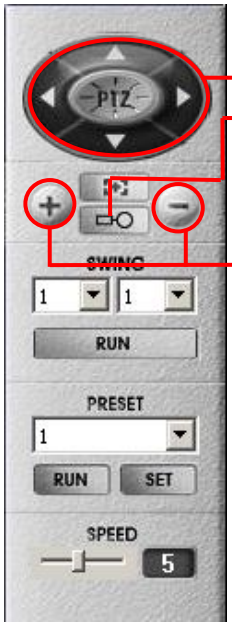
• 9 Division Mode



• 16 Division Mode

3.3 P/T/Z Control

• Press the PTZ Button.



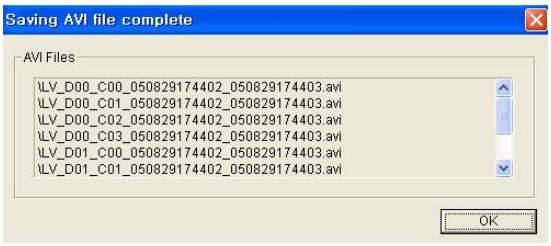
• P/T/Z Controller : Camera P/T/Z Control by Direction Keys

• FOCUS/ZOOM Select Button : Focus or Zoom Control by +,- Button

• +,- Control Button : Focus or Zoom Control

3.4 AVI File Conversion

- Click AVI Conversion Button to Start AVI File Conversion.
- During AVI Conversion Showing a Message and before 1 Click 'Stop" Save AVI File continuously .

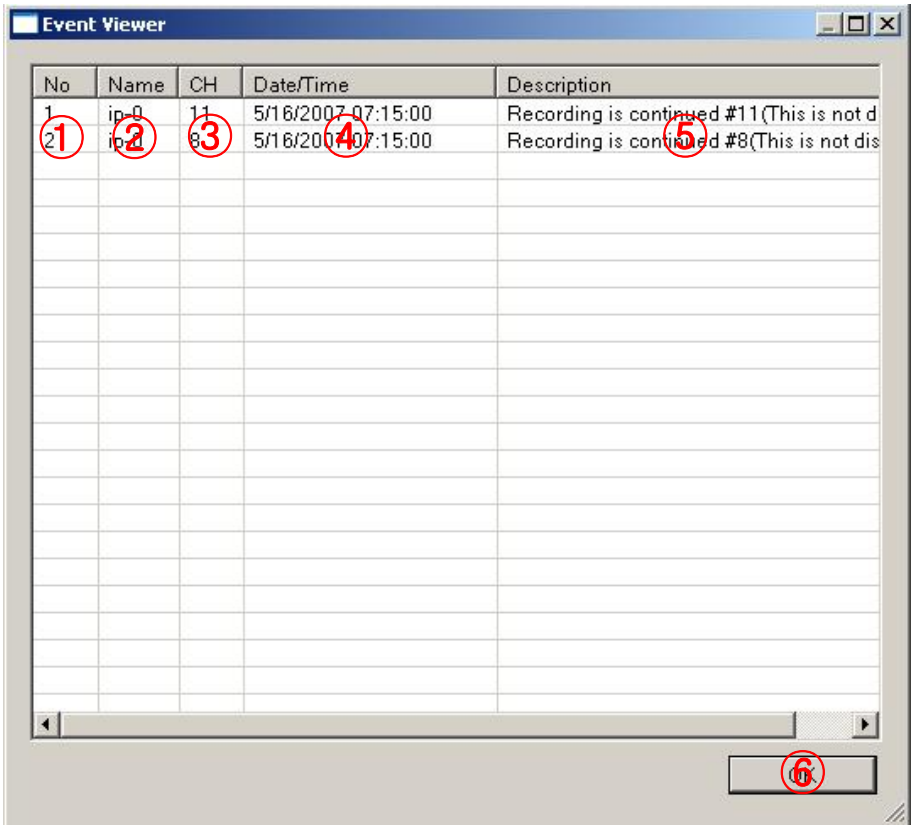


- 'Press 'Stop' to Open Designate File Name & Saving Location, and Save AVI File.
- Saved AVI File can Open Ordinary Moving Picture Player or Backup Player.
- Moving Picture Player Codec Version Need Higher than Divx 5.1 & IMM4 Codec.

3.5 Color Adjustment

- Click Controller Possible to Control Color
- Change Brightness, Contrast, Saturation from 0 to 100
- Click OK to Finish Changing Setup

3.6 Event Viewer



① Indicate Event Occurred Order No.

② Indicate Event Occurred DVR No.

③ Indicate Event Occurred Camera No.

④ Indicate Event Occurred Time & Date

⑤ Indicate Event Detail Description

⑥ Return to Search Main to Play Selected Event Image

4. Search

4.1 Function Introduction

① Search Screen : Playing Selected Video

② Search Bar : Search & Indicate Camera Recording Situation by Time Bar

③ LIVE : Return to Watch Mode / SETUP : Open Setup to Change Network Setup or Option

④ Screen Division Selection : Change Playing Screen Division Mode

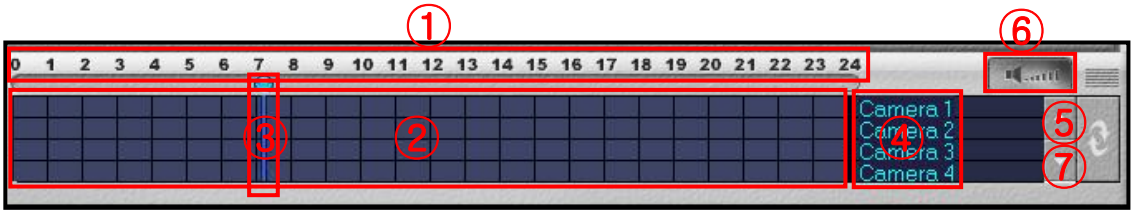
⑤ SEARCH Option : Backup Video or Search Event

⑥ Camera Selection Button : Select Camera at the 1*1 View

⑦ Quick Search : Find Image to Designate Date & Time

⑧ Search Controller : Control Playing Video

4.2 Search Method



① Indicate 0~24 Hour

② Indicate Recording Situation (Blue : No Record, Yellow : Recorded Image at the Time)

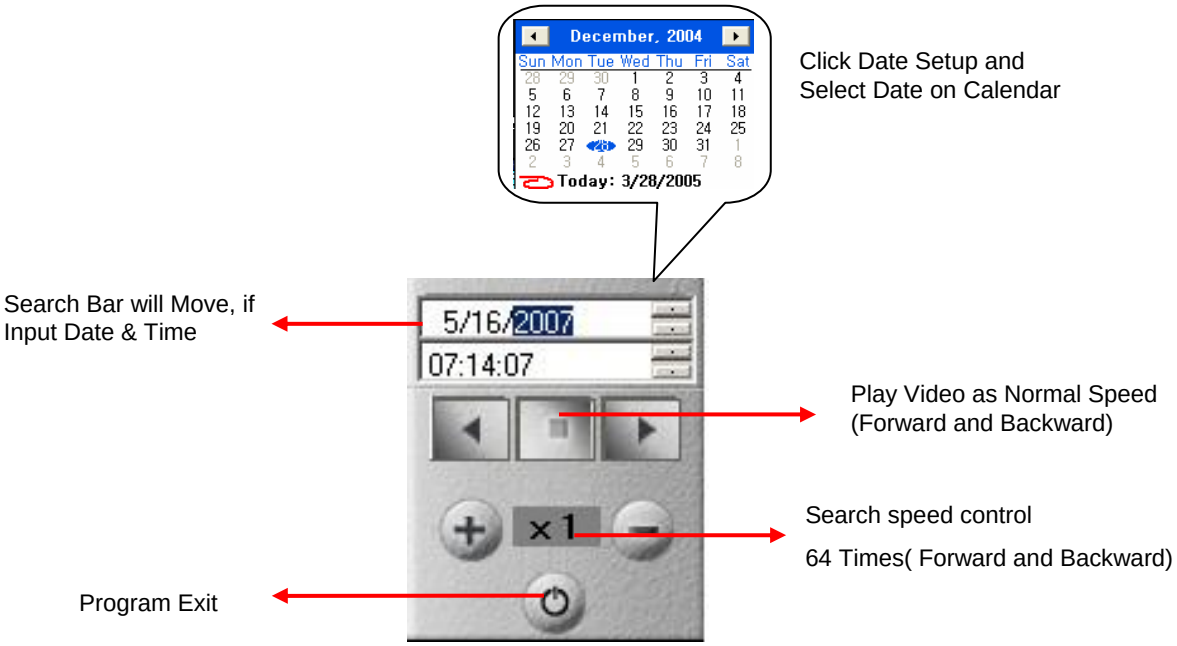
③ Search Bar : Select Video to Drag Mouse Search Controller in Recorded Area

④ Indicate Camera Channel to Confirm Camera Recording Situation

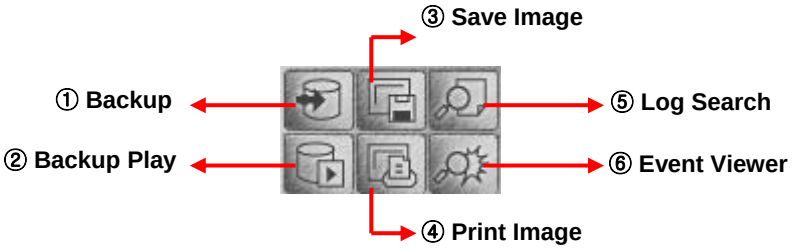
⑤ If Connected Channel is 5 or More, Another Channel will be Scroll.

⑥ Sound

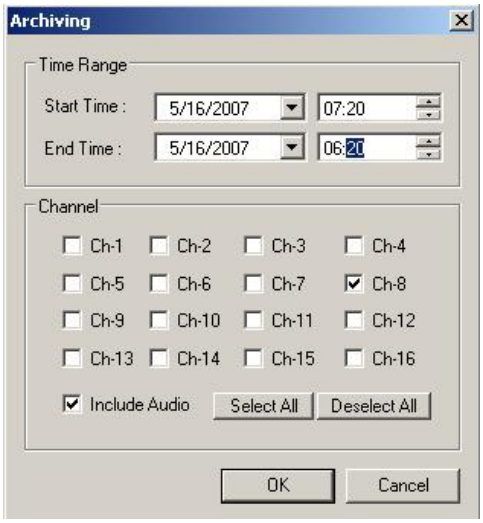
⑦ Refreshment Recording Information Situation Window by Camera Channel



4.3 SEARCH Option



① **Backup** – Backup Image from Server to Remote PC



• Time Range
  Designate Backup Image Data Length to Input Start Time & End Time.

• Channel : Check Camera Channel for Backup

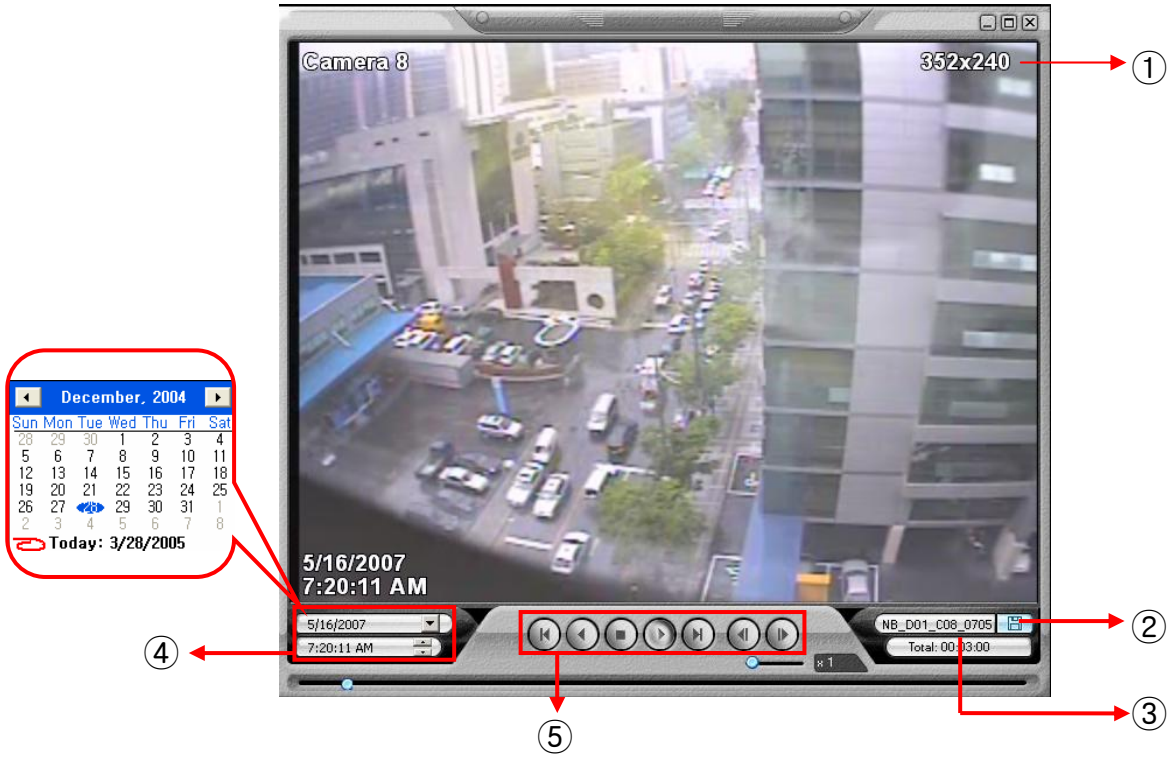
• Include Audio : Check Audio Including when Backup

• Select All / Deselect All

• Press OK to Open Backup Status & Start Backup.

• When Finish Backup, Back Status Window Disappear & Backup Data Save at Hard Disk Root Folder in Remote PC.

② **Backup Play (DVR Player) –** Transfer to DVR Player



① Showing Image (Possible to Only 1*1View Mode)

② Backup File Open to Play First Video

Ex. : ch02_04131730_04131735.rec (Backup File for # 2 ch. Apr.13, 17H30M ~17H35M)

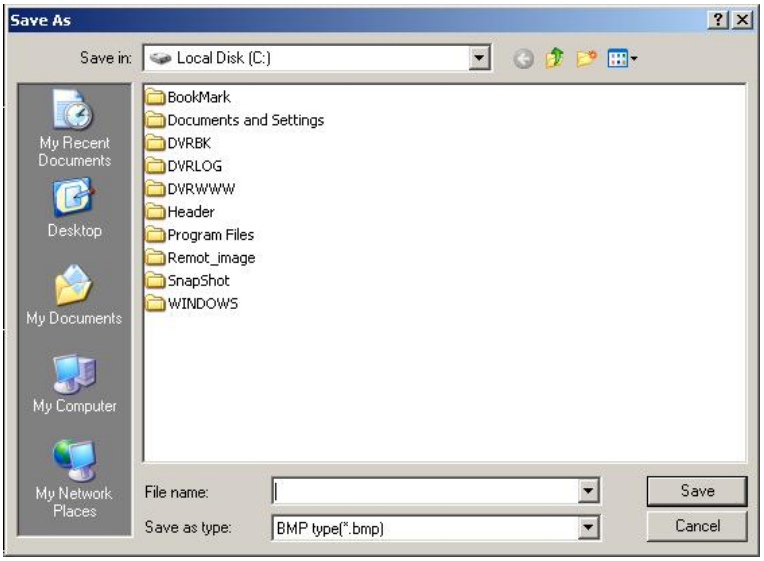
③ Total Playing Time.

④ Indicate Present Time & Date and Possible to Search Time & Date

⑤ Search Controller, the Same Way of Previous Search

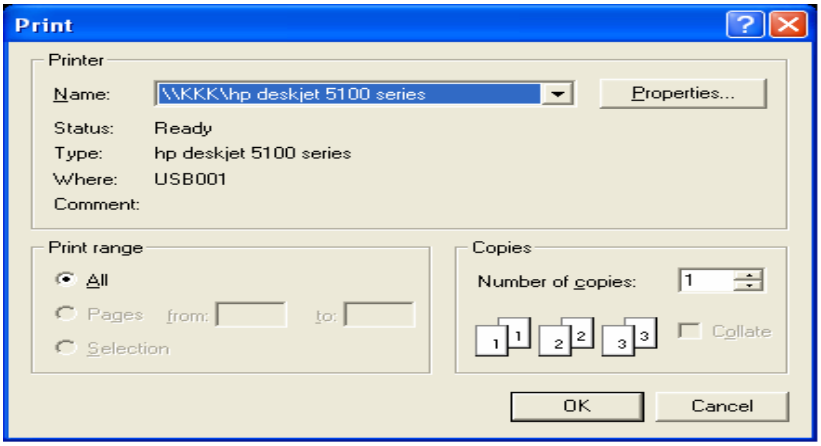
• Backup Play Setup in Search Mode is the Same as DVR Player,
1 so it can be Run Independently without Running Remote Program.
• Backup Player & Ordinary Moving Picture Player Possible to Playback,
1 Real Time AVI Backup File can Display as the Same Format.

③ **Save Image –** Capture Image & Saving Image at Hard Disk or Removable Disk



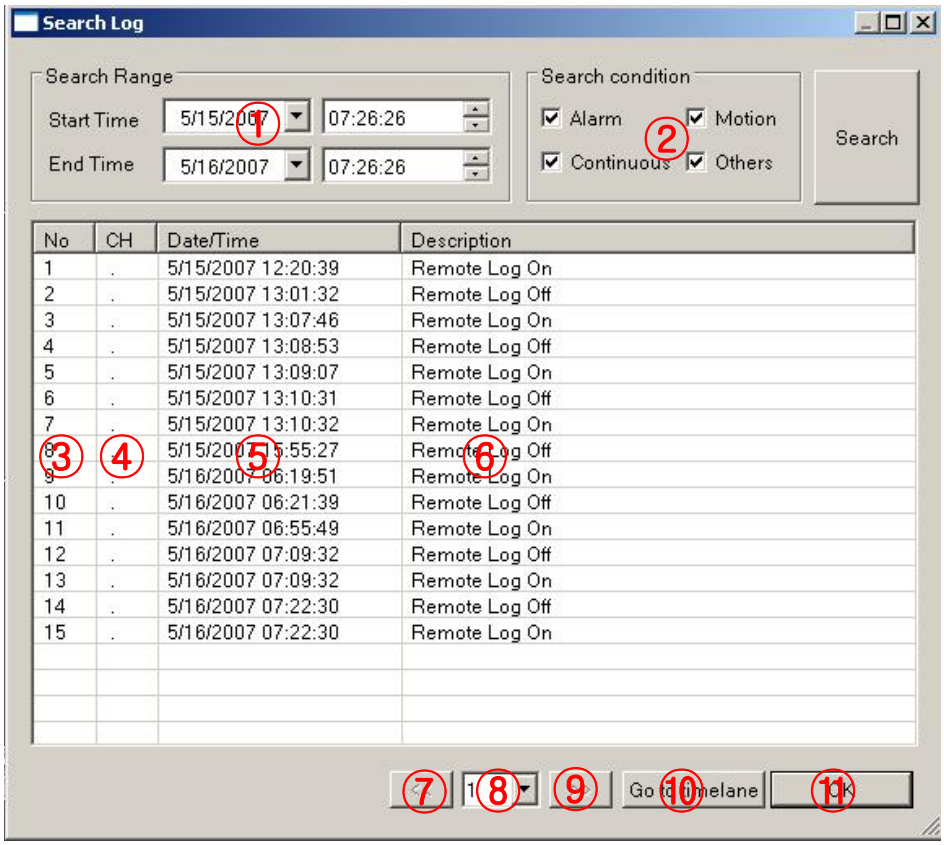
- Click 'Save Image' Icon During Playing Video
- Designate File name, File Type (JPG,BMP), and Location and Press Saving
- Conversion and Saving Image from Remote Viewer

④ **Print Image –** Present Image Capture and Print Out Image



- During Play Video, Click 'Print Image'
- After Selecting Printer, Start Image Printing
- Print Out Remote Viewer Image

⑤ **Log Search –** Find Video Centering around Event Log at DVR.



① Input Start Time and End Time at the Selected Date to Search Event
When Press Search Button, Event Output at the Below Window

② Choose the DVR for searching the log.

③ Indicate Event Log Order No. (Max Event Log No. of 1 Page is 100)

④ Indicate Event Occurred Camera No.

⑤ Indicate Event Occurred Time & Date

⑥ Indicate Event Detail Description

⑦ Move to Previous Page

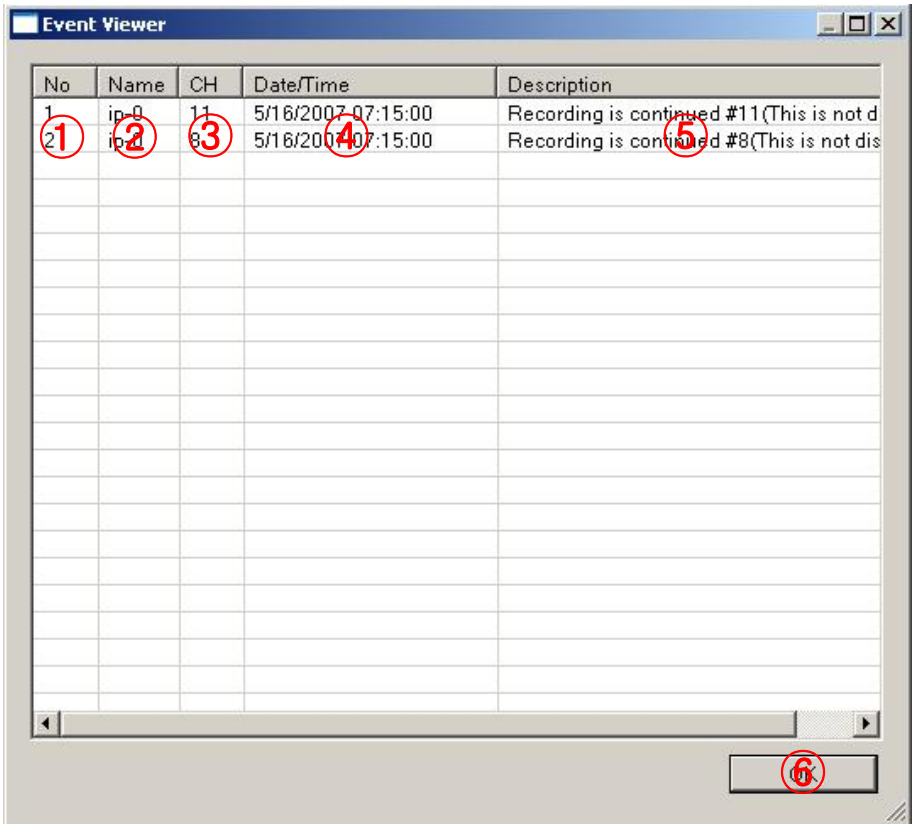
⑧ Move to Next Page

⑨ Move to User Select Page

⑩ After Select Event, Move Search Bar in Search Mode

⑪ Return to Search Main to Play Event Image

⑥ **Event Viewer-** Showing Present Event in Server & Find Image



① Indicate Event Occurred Order No.

② Indicate Event Occurred DVR No.

③ Indicate Event Occurred Camera No.

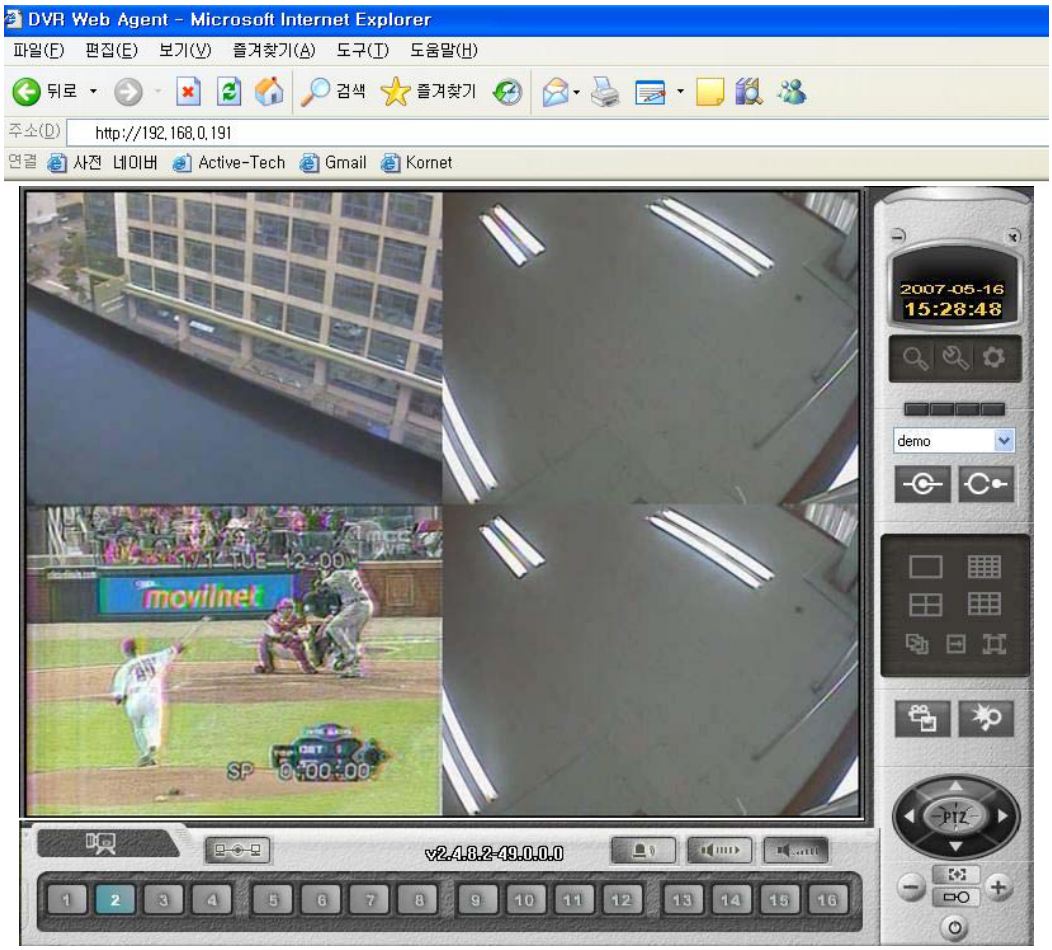
④ Indicate Event Occurred Time & Date

⑤ Indicate Event Detail Description

⑥ Return to Search Main to Play Selected Event Image

5. Web Client

- **WEB Client Connection**


DVR Web Agent - Microsoft Internet Explorer
파일(F) 편집(E) 보기(V) 즐겨찾기(A) 도구(T) 도움말(H)
뒤로 검색 즐겨찾기
주소(D) http://192.168.0.191
연결 사전 네이버 Active-Tech Gmail Kornet
2007-05-16
15:28:48
demo
PTZ
v2.4.8.2-49.0.0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

① Input IP Address or URL for DVR Server at the Internet Explorer Address Input Place.
② When Appear Active-X install Message, Please Click Confirm or Continue.
③ Showing Web Client Window at Internet Explorer.
④ All function is same with Remote Agent.